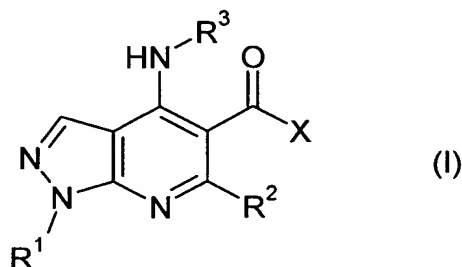


Amendments to the claims

1. (Currently amended) A compound of formula (I) or a salt thereof:

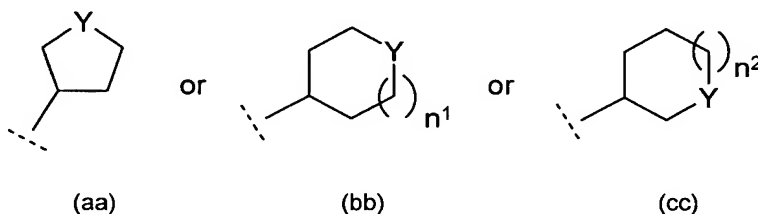


wherein:

R¹ is C₁₋₄alkyl, C₁₋₃fluoroalkyl, -CH₂CH₂OH or -CH₂CH₂CO₂C₁₋₂alkyl;

R² is a hydrogen atom (H), methyl or C₁fluoroalkyl;

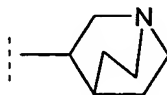
R³ is optionally substituted C₃₋₈cycloalkyl or optionally substituted mono-unsaturated-C₅₋₇cycloalkenyl or an optionally substituted heterocyclic group of sub-formula (aa), (bb) or (cc);



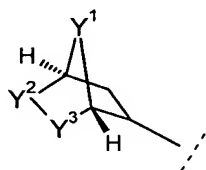
in which n¹ and n² independently are 1 or 2; and in which Y is O, S, SO₂, or NR¹⁰; where R¹⁰ is a hydrogen atom (H), C₁₋₄alkyl, C₁₋₂fluoroalkyl, CH₂C(O)NH₂, C(O)NH₂, C(O)-C₁₋₂alkyl, C(O)-C₁fluoroalkyl or -C(O)-CH₂O-C₁₋₂alkyl;

and wherein in R³ the C₃₋₈cycloalkyl or the heterocyclic group of sub-formula (aa), (bb) or (cc) is optionally substituted with one or two substituents independently being oxo (=O); OH; C₁₋₂alkoxy; C₁₋₂fluoroalkoxy; NHR²¹ wherein R²¹ is a hydrogen atom (H) or C₁₋₅ straight-chain alkyl; C₁₋₂alkyl; C₁₋₂fluoroalkyl; -CH₂OH; -CH₂CH₂OH; -CH₂NHR²² wherein R²² is H or C₁₋₂alkyl; -C(O)OR²³ wherein R²³ is H or C₁₋₂alkyl; -C(O)NHR²⁴ wherein R²⁴ is H or C₁₋₂alkyl; -C(O)R²⁵ wherein R²⁵ is C₁₋₂alkyl; fluoro; hydroxyimino (=N-OH); or (C₁₋₄alkoxy)imino (=N-OR²⁶ where R²⁶ is C₁₋₄alkyl); and wherein any OH, alkoxy, fluoroalkoxy or NHR²¹ substituent is not substituted at the R³ ring carbon attached (bonded) to the -NH- group of formula (I) and is not substituted at either R³ ring carbon bonded to the Y group of the heterocyclic group (aa), (bb) or (cc);

and wherein, when R^3 is optionally substituted mono-unsaturated- C_{5-7} cycloalkenyl, then the cycloalkenyl is optionally substituted with one or two substituents being fluoro or C_{1-2} alkyl provided that if there are two substituents then they are not both C_2 alkyl, and the R^3 ring carbon bonded to the -NH- group of formula (I) does not partake in the cycloalkenyl double bond;



or R^3 is a bicyclic group of sub-formula (dd): (dd) or of sub-formula (ee):



(ee) wherein Y^1 , Y^2 and Y^3 independently are CH_2 or oxygen (O) provided that no more than one of Y^1 , Y^2 and Y^3 is oxygen (O);

and X is NR^4R^5 or OR^{5a} , in which:

R^4 is a hydrogen atom (H); C_{1-6} alkyl; C_{1-3} fluoroalkyl; or C_{2-6} alkyl substituted by one substituent R^{11} ; and

R^5 is a hydrogen atom (H); C_{1-8} alkyl; C_{1-8} fluoroalkyl; C_{3-8} cycloalkyl optionally substituted by a C_{1-2} alkyl group; or $-(CH_2)_n^4-C_{3-8}$ cycloalkyl optionally substituted, in the $-(CH_2)_n^4$ - moiety or in the C_{3-8} cycloalkyl moiety, by a C_{1-2} alkyl group, wherein n^4 is 1, 2 or 3;

or R^5 is C_{2-6} alkyl substituted by one or two independent substituents R^{11} ;

wherein each substituent R^{11} , independently of any other R^{11} substituent present, is: hydroxy (OH); C_{1-6} alkoxy; phenyloxy; benzyloxy; $-NR^{12}R^{13}$; $-NR^{15}-C(O)R^{16}$; $-NR^{15}-C(O)-O-R^{16}$; $-NR^{15}-C(O)-NH-R^{15}$; or $-NR^{15}-SO_2R^{16}$; and wherein any R^{11} substituent which is OH, alkoxy or $-NR^{12}R^{13}$ is not substituted at any carbon atom, of any R^4 or R^5 substituted alkyl, which is bonded to the nitrogen of NR^4R^5 ;

or R^5 is $-(CH_2)_n^{11}-C(O)R^{16}$; $-(CH_2)_n^{12}-C(O)NR^{12}R^{13}$; $-CHR^{19}-C(O)NR^{12}R^{13}$; $-(CH_2)_n^{12}-C(O)OR^{16}$; $-(CH_2)_n^{12}-C(O)OH$; $-CHR^{19}-C(O)OR^{16}$; $-CHR^{19}-C(O)OH$; $-(CH_2)_n^{12}-SO_2-NR^{12}R^{13}$; $-(CH_2)_n^{12}-SO_2R^{16}$; or $-(CH_2)_n^{12}-CN$; wherein n^{11} is 0, 1, 2, 3 or 4 and n^{12} is 1, 2, 3 or 4;

or R^5 is $-(CH_2)_n^{13}-Het$ wherein n^{13} is 0, 1, 2, 3 or 4 and Het is a 4-, 5-, 6- or 7-membered saturated or partly-saturated heterocyclic ring containing one or two ring-hetero-atoms independently selected from O, S, and N; wherein any ring-hetero-atoms present are not bound to the $-(CH_2)_n^{13}$ - moiety when n^{13} is 1 and are not bound to the nitrogen of NR^4R^5 when n^{13} is 0; wherein any ring-nitrogens which are present and which are not unsaturated (i.e. which do not partake in a double

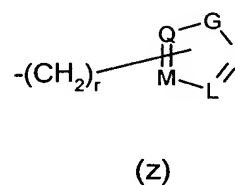
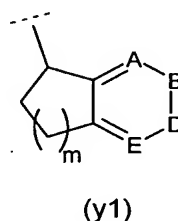
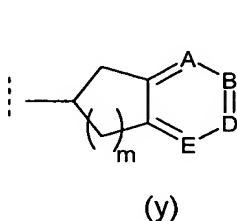
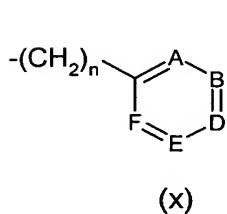
bond) are present as NR^{17} where R^{17} is as defined herein; and wherein one or two of the carbon ring-atoms independently are optionally substituted by $\text{C}_{1-2}\text{alkyl}$;

or R^5 is phenyl optionally substituted with, independently, one, two or three of: a halogen atom; $\text{C}_{1-6}\text{alkyl}$; $\text{C}_{1-2}\text{fluoroalkyl}$; $\text{C}_{1-4}\text{alkoxy}$; $\text{C}_{1-2}\text{fluoroalkoxy}$; $\text{C}_{3-6}\text{cycloalkyloxy}$; $-\text{C}(\text{O})\text{R}^{16a}$; $-\text{C}(\text{O})\text{OR}^{30}$; $-\text{S}(\text{O})_2-\text{R}^{16a}$; $\text{R}^{16a}-\text{S}(\text{O})_2-\text{NR}^{15a}$; $\text{R}^7\text{R}^8\text{N}-\text{S}(\text{O})_2$; $\text{C}_{1-2}\text{alkyl}-\text{C}(\text{O})-\text{R}^{15a}\text{N}-\text{S}(\text{O})_2$; $\text{C}_{1-4}\text{alkyl}-\text{S}(\text{O})$; $\text{Ph}-\text{S}(\text{O})$; $\text{R}^7\text{R}^8\text{N}-\text{CO}$; $-\text{NR}^{15}-\text{C}(\text{O})\text{R}^{16}$; $\text{R}^7\text{R}^8\text{N}$; OH ; $\text{C}_{1-4}\text{alkoxymethyl}$; $\text{C}_{1-4}\text{alkoxyethyl}$; $\text{C}_{1-2}\text{alkyl}-\text{S}(\text{O})_2-\text{CH}_2$; $\text{R}^7\text{R}^8\text{N}-\text{S}(\text{O})_2-\text{CH}_2$; $\text{C}_{1-2}\text{alkyl}-\text{S}(\text{O})_2-\text{NR}^{15a}-\text{CH}_2$; $-\text{CH}_2-\text{OH}$; $-\text{CH}_2\text{CH}_2-\text{OH}$; $-\text{CH}_2-\text{NR}^7\text{R}^8$; $-\text{CH}_2-\text{CH}_2-\text{NR}^7\text{R}^8$; $-\text{CH}_2-\text{C}(\text{O})\text{OR}^{30}$; $-\text{CH}_2-\text{C}(\text{O})-\text{NR}^7\text{R}^8$; $-\text{CH}_2-\text{NR}^{15a}-\text{C}(\text{O})-\text{C}_{1-3}\text{alkyl}$; $-(\text{CH}_2)_n^{14}-\text{Het}^1$ where n^{14} is 0 or 1; cyano (CN); Ar^{5a} ; or phenyl, pyridinyl or pyrimidinyl wherein the phenyl, pyridinyl or pyrimidinyl independently are optionally substituted by one or two of fluoro, chloro, $\text{C}_{1-2}\text{alkyl}$, $\text{C}_1\text{fluoroalkyl}$, $\text{C}_{1-2}\text{alkoxy}$ or $\text{C}_1\text{fluoroalkoxy}$;

or where two adjacent substituents, on the R^5 optionally substituted phenyl, taken together are $-\text{O}-(\text{CMe}_2)-\text{O}-$ or $-\text{O}-(\text{CH}_2)_n^{14}-\text{O}-$ where n^{14} is 1 or 2;

wherein R^7 and R^8 are independently a hydrogen atom (H); $\text{C}_{1-4}\text{alkyl}$; $\text{C}_{3-6}\text{cycloalkyl}$; or phenyl optionally substituted by one or two of: fluoro, chloro, $\text{C}_{1-2}\text{alkyl}$, $\text{C}_1\text{fluoroalkyl}$, $\text{C}_{1-2}\text{alkoxy}$ or $\text{C}_1\text{fluoroalkoxy}$; or R^7 and R^8 together are $-(\text{CH}_2)_n^6-$ or $-\text{C}(\text{O})-(\text{CH}_2)_n^7-$ or $-\text{C}(\text{O})-(\text{CH}_2)_n^7-\text{C}(\text{O})-$ or $-(\text{CH}_2)_n^8-\text{X}^7-(\text{CH}_2)_n^9-$ or $-\text{C}(\text{O})-\text{X}^7-(\text{CH}_2)_n^{10}-$ in which: n^6 is 3, 4, 5 or 6, n^7 is 2, 3, 4, or 5, n^8 and n^9 and n^{10} independently are 2 or 3, and X^7 is O or NR^{14} wherein R^{14} is H, $\text{C}_{1-2}\text{alkyl}$ or $\text{C}(\text{O})\text{Me}$;

or R^5 has the sub-formula (x), (y), (y1) or (z):



wherein in sub-formula (x), $n = 0, 1$ or 2 ; in sub-formula (y) and (y1), $m = 1$ or 2 ; and in sub-formula (z), $r = 0, 1$ or 2 ;

wherein in sub-formula (x) and (y) and (y1), none, one or two of A, B, D, E and F are independently nitrogen or nitrogen-oxide (N^+-O^-) provided that no more than one of A, B, D, E and F is nitrogen-oxide; and the remaining of A, B, D, E and F are independently CH or CR^6 ;

provided that when n is 0 in sub-formula (x) then one or two of A, B, D, E and F are independently nitrogen or nitrogen-oxide (N^+-O^-) and no more than one of A, B, D, E and F is nitrogen-oxide;

wherein, each R^6 , independently of any other R^6 present, is: a halogen atom; C_{1-6} alkyl; C_{1-4} fluoroalkyl; C_{1-4} alkoxy; C_{1-2} fluoroalkoxy; C_{3-6} cycloalkyloxy; $-C(O)R^{16a}$; $-C(O)OR^{30}$; $-S(O)_2-R^{16a}$; $R^{16a}-S(O)_2-NR^{15a}$; $R^7R^8N-S(O)_2$; C_{1-2} alkyl- $C(O)-R^{15a}N-S(O)_2$; C_{1-4} alkyl- $S(O)$; $Ph-S(O)$; R^7R^8N-CO ; $-NR^{15}-C(O)R^{16}$; R^7R^8N ; OH ; C_{1-4} alkoxymethyl; C_{1-4} alkoxyethyl; C_{1-2} alkyl- $S(O)_2-CH_2$; $R^7R^8N-S(O)_2-CH_2$; C_{1-2} alkyl- $S(O)_2-NR^{15a}-CH_2$; $-CH_2-OH$; $-CH_2CH_2-OH$; $-CH_2-NR^7R^8$; $-CH_2-CH_2-NR^7R^8$; $-CH_2-C(O)OR^{30}$; $-CH_2-C(O)-NR^7R^8$; $-CH_2-NR^{15a}-C(O)-C_{1-3}$ alkyl; $-(CH_2)_n^{14}-Het^1$ where n^{14} is 0 or 1; cyano (CN); Ar^{5b} ; or phenyl, pyridinyl or pyrimidinyl wherein the phenyl, pyridinyl or pyrimidinyl independently are optionally substituted by one or two of fluoro, chloro, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy;

or where two adjacent R^6 taken together are $-O-(CMe_2)-O-$ or $-O-(CH_2)_n^{14}-O-$ where n^{14} is 1 or 2;

wherein R^7 and R^8 are as herein defined;

wherein sub-formula (y) and (y1), independently, are optionally substituted by oxo ($=O$) at a ring carbon adjacent the 6-membered aromatic ring;

wherein in sub-formula (z), G is O or S or NR^9 wherein R^9 is a hydrogen atom (H), C_{1-4} alkyl or C_{1-4} fluoroalkyl; none, one, two or three of J, L, M and Q are nitrogen; and the remaining of J, L, M and Q are independently CH or CR^6 where R^6 , independently of any other R^6 present, is as defined herein;

or R^4 and R^5 taken together are $-(CH_2)_p^1-$ or $-C(O)-(CH_2)_p^2-$ or $-(CH_2)_p^3-X^5-(CH_2)_p^4-$ or $-C(O)-X^5-(CH_2)_p^5-$, in which: $p^1 = 3, 4, 5$ or 6 , p^2 is $2, 3, 4$, or 5 , and p^3 and p^4 and p^5 independently are 2 or 3 and X^5 is O or NR^{17} ;

and wherein, when R^4 and R^5 taken together are $-(CH_2)_p^1-$ or $-C(O)-(CH_2)_p^2-$, the NR^4R^5 heterocycle is optionally substituted by one R^{18} substituent wherein R^{18} is: C_{1-4} alkyl;

C_{1-2} fluoroalkyl; C_{3-6} cycloalkyl; C_{1-2} alkoxy (not substituted at a ring-carbon bonded to the NR^4R^5 ring-nitrogen); C_1 fluoroalkoxy (not substituted at a ring-carbon bonded to the NR^4R^5 ring-nitrogen); OH (not substituted at a ring-carbon bonded to the NR^4R^5 ring-nitrogen); $-(CH_2)_p^7-C(O)R^{16}$ wherein p^7 is $0, 1, 2$ or 3 ; $-(CH_2)_p^7-C(O)OR^{16}$; $-(CH_2)_p^7-OC(O)R^{16}$; $-(CH_2)_p^7-C(O)NR^{12}R^{13}$; $-(CH_2)_p^7-NR^{15}C(O)R^{16}$; $-(CH_2)_p^7-NR^{15}C(O)NR^{12}R^{13}$; $-(CH_2)_p^7-NR^{15}C(O)OR^{16}$; $-(CH_2)_p^7-SO_2R^{16}$; $-(CH_2)_p^7-SO_2NR^{12}R^{13}$; $-(CH_2)_p^7-NR^{15}SO_2R^{16}$; $-(CH_2)_p^7-OH$;

$-(CH_2)_p^7-OR^{16}$; or phenyl optionally substituted by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy;

or R^4 and R^5 taken together are $-(CH_2)_p^1-$ or $-C(O)-(CH_2)_p^2-$ or $-(CH_2)_p^3-X^5-(CH_2)_p^4-$ or $-C(O)-X^5-(CH_2)_p^5-$ as defined herein, and wherein the NR^4R^5 heterocycle is fused to a phenyl ring optionally substituted on the phenyl by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy; and

R^{5a} is C_{1-8} alkyl; C_{1-8} fluoroalkyl; C_{3-8} cycloalkyl; $-(CH_2)_n^{4a}-C_{3-6}$ cycloalkyl wherein n^{4a} is 1 or 2; phenyl optionally substituted with one or two of: a halogen atom, C_{1-2} alkyl, trifluoromethyl, C_{1-2} alkoxy or trifluoromethoxy; or R^{5a} has the sub-formula (x), (y), (y1) or (z) as defined herein;

~~and wherein:~~

R^{12} and R^{13} independently are H; C_{1-5} alkyl; C_{3-6} cycloalkyl; or phenyl optionally substituted by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy;

or R^{12} and R^{13} together are $-(CH_2)_n^6-$ or $-C(O)-(CH_2)_n^7-$ or $-C(O)-(CH_2)_n^7-C(O)-$ or $-(CH_2)_n^8-X^{12}-(CH_2)_n^9-$ or $-C(O)-X^{12}-(CH_2)_n^{10}-$ in which: n^6 is 3, 4, 5 or 6, n^7 is 2, 3, 4, or 5, n^8 and n^9 and n^{10} independently are 2 or 3 and X^{12} is O or NR^{14a} wherein R^{14a} is H, C_{1-2} alkyl or $C(O)Me$;

R^{15} is a hydrogen atom (H); C_{1-4} alkyl; C_{3-6} cycloalkyl; or phenyl optionally substituted by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy;

R^{15a} , independent of other R^{15a} , is a hydrogen atom (H) or C_{1-4} alkyl;

R^{16} and R^{16a} independently are:

C_{1-6} alkyl;

C_{3-6} cycloalkyl optionally substituted by one oxo ($=O$), OH or C_{1-2} alkyl substituent;

C_{3-6} cycloalkyl- CH_2- ;

pyridinyl optionally substituted on a ring carbon atom by one of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy;

Ar^{5c} ;

phenyl optionally substituted by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy;

benzyl optionally substituted at an aromatic carbon atom by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy; or

a 4-, 5-, 6- or 7-membered saturated heterocyclic ring connected at a ring-carbon and containing one or two ring-hetero-atoms independently selected from O, S, and N; wherein any ring-

nitrogens which are present are present as NR^{27} where R^{27} is H, C_{1-2} alkyl or $-\text{C}(\text{O})\text{Me}$; and wherein the ring is optionally substituted at carbon by one C_{1-2} alkyl or oxo ($=\text{O}$) substituent, provided that any oxo ($=\text{O}$) substituent is substituted at a ring-carbon atom bonded to a ring-nitrogen;

wherein Ar^{5a} , Ar^{5b} and Ar^{5c} independently is/are a 5-membered aromatic heterocyclic ring containing one O, S or NR^{15a} in the 5-membered ring, wherein the 5-membered ring can optionally additionally contain one or two N atoms, and wherein the heterocyclic ring is optionally substituted on a ring carbon atom by one of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, $-\text{CH}_2\text{OH}$, $-\text{CH}_2-\text{OC}_{1-2}$ alkyl, OH (including the keto tautomer thereof) or $-\text{CH}_2-\text{NR}^{28}\text{R}^{29}$ wherein R^{28} and R^{29} independently are H or methyl;

and R^{17} is a hydrogen atom (H); C_{1-4} alkyl; C_{1-2} fluoroalkyl; C_{3-6} cycloalkyl; $-(\text{CH}_2)_p^6-\text{C}(\text{O})\text{R}^{16}$ wherein p^6 is 0, 1, 2 or 3; $-(\text{CH}_2)_p^6-\text{C}(\text{O})\text{NR}^{12}\text{R}^{13}$; $-(\text{CH}_2)_p^6-\text{C}(\text{O})\text{OR}^{16}$; $-(\text{CH}_2)_p^6-\text{C}(\text{O})\text{OH}$; $-\text{SO}_2\text{R}^{16}$; $-\text{C}(\text{O})-\text{CH}_2-\text{NR}^{12}\text{R}^{13}$; $-\text{C}(\text{O})-\text{CH}_2-\text{NR}^{15a}-\text{C}(\text{O})-\text{C}_{1-3}$ alkyl; $-\text{C}(\text{O})-\text{CH}_2-\text{O}-\text{C}_{1-3}$ alkyl; or phenyl or benzyl wherein the phenyl or benzyl is optionally substituted at an aromatic carbon atom by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy;

R^{19} is C_{1-4} alkyl; $-(\text{CH}_2)_n^{20}-\text{OR}^{20}$ wherein n^{20} is 1, 2, 3 or 4 and R^{20} is a hydrogen atom (H) or C_{1-4} alkyl; $-\text{CH}(\text{Me})-\text{OH}$; $-\text{CH}_2-\text{SH}$; $-\text{CH}_2-\text{CH}_2-\text{S}-\text{Me}$; benzyl; or (4-hydroxyphenyl)methyl (i.e. 4-hydroxy-benzyl); and

R^{30} , independent of other R^{30} , is a hydrogen atom (H), C_{1-4} alkyl or C_{3-6} cycloalkyl; and

Het^1 , independent of other Het^1 , is a 4-, 5-, 6- or 7-membered saturated heterocyclic ring connected at a ring-carbon and containing one or two ring-hetero-atoms independently selected from O, S, and N; wherein any ring-nitrogens which are present are present as NR^{31} where R^{31} is H, C_{1-2} alkyl or $-\text{C}(\text{O})\text{Me}$; and wherein the ring is optionally substituted at carbon by one C_{1-2} alkyl or oxo ($=\text{O}$) substituent, provided that any oxo ($=\text{O}$) substituent is substituted at a ring-carbon atom bonded to a ring-nitrogen;

provided that:

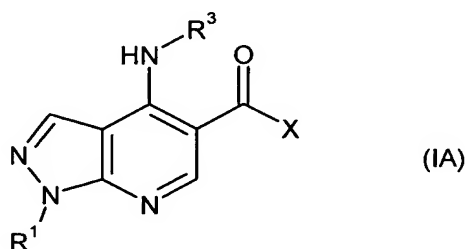
when R^3 is the heterocyclic group of sub-formula (bb), n^1 is 1, and Y is NR^{10} , then:

either (a) R^{10} is not C_{1-4} alkyl, C_{1-2} fluoroalkyl or $\text{CH}_2\text{C}(\text{O})\text{NH}_2$;

or (b) R^{10} is methyl and the compound is: 1-ethyl-N-(2-ethylbutyl)-4-[(1-methylpiperidin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide or 1-ethyl-N-(4-fluorophenyl)-4-[(1-methylpiperidin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

and provided that: where X is OR^{5a} , the compound is other than the compound wherein R^1 is methyl, X is OEt, and R^3 is cyclopentyl.

2. (Currently amended) A compound according to claim 1 comprising of formula (IA) or a salt thereof:

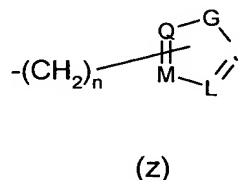
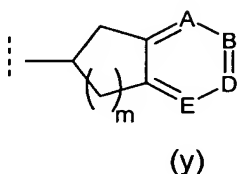
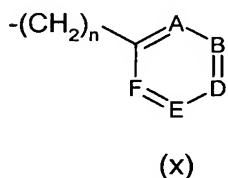


wherein:

X is NR⁴R⁵ or OR^{5a}, in which:

R⁴ is hydrogen, C₁₋₂alkyl or C₁₋₂fluoroalkyl, and

R⁵ is hydrogen, C₁₋₈alkyl, C₁₋₈ fluoroalkyl, or C₃₋₈cycloalkyl, phenyl optionally substituted with one or two of: a halogen atom, C₁₋₂alkyl, trifluoromethyl, C₁₋₂alkoxy or trifluoromethoxy; or R⁵ has the sub-formula (x), (y) or (z):



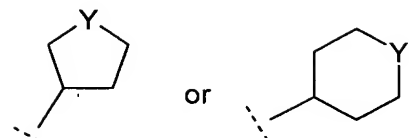
wherein in sub-formula (x) and (z), n = 1 or 2; and in sub-formula (y), m = 1 or 2;

wherein in sub-formula (x) and (y), none, one or two of A, B, D, E and F are nitrogen; and the remaining of A, B, D, E and F are CH or CR⁶ where R⁶ is a halogen atom, C₁₋₄alkyl, C₁₋₄fluoroalkyl, C₁₋₂alkoxy, C₁₋₂fluoroalkoxy, C₁₋₂alkylsulphonyl (C₁₋₂alkyl-SO₂-), C₁₋₂alkyl-SO₂-NH-, R⁷R⁸N-SO₂-, R⁷R⁸N-CO-, R⁷R⁸N, OH, C₁₋₄alkoxymethyl, or C₁₋₂alkyl-SO₂-CH₂-, wherein R⁷ and R⁸ are independently hydrogen or C₁₋₂alkyl;

wherein in sub-formula (z), G is O or S or NR⁹ wherein R⁹ is C₁₋₄alkyl or C₁₋₄fluoroalkyl; none, one or two of J, L, M and Q are nitrogen; and the remaining of J, L, M and Q are CH or CR⁶ where R⁶ is as defined herein;

or R⁴ and R⁵ taken together are -(CH₂)_p- where p = 3, 4 or 5;

R^{5a} is C₁₋₈alkyl; C₁₋₈ fluoroalkyl; C₃₋₈cycloalkyl; phenyl optionally substituted with one or two of: a halogen atom, C₁₋₂alkyl, trifluoromethyl, C₁₋₂alkoxy or trifluoromethoxy; or R^{5a} has the sub-formula (x), (y) or (z) as defined herein;

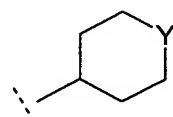


R^3 is C_{3-8} cycloalkyl or a heterocyclic group being in which Y is O, S, SO_2 , or NR^{10} ; where R^{10} is hydrogen, C_{1-4} alkyl, C_{1-2} fluoroalkyl, $C(O)-C_{1-2}$ alkyl, or $C(O)-CF_3$;

and wherein in R^3 the C_{3-8} cycloalkyl or heterocyclic group is optionally substituted with one or two substituents being OH, C_{1-2} alkoxy, trimethoxy, or C_{1-2} alkyl group; and wherein any OH, alkoxy or trimethoxy substituent is not substituted at the ring carbon attached to the -NH- group of formula (IA) and is not substituted at either ring carbon bonded to the Y group of the heterocyclic group; and

$R^1 = C_{1-4}$ alkyl or C_{1-2} fluoroalkyl;

provided that:

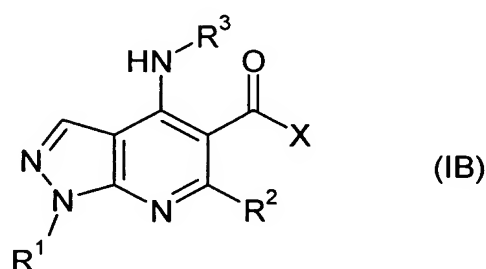


when R^3 is the heterocyclic group being and Y is NR^{10} , then:
 either (a) R^{10} is hydrogen, $C(O)-C_{1-2}$ alkyl, or $C(O)-CF_3$;

or (b) R^{10} is methyl and the compound is: 1-ethyl-N-(2-ethylbutyl)-4-[(1-methylpiperidin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide or 1-ethyl-N-(4-fluorophenyl)-4-[(1-methylpiperidin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

and provided that: where X is OR^{5a} , the compound is other than the compound wherein R^1 is methyl, X is OEt, and R^3 is cyclopentyl.

3. (Currently amended) A compound of according to claim 1 comprising formula (IB) or a salt thereof:

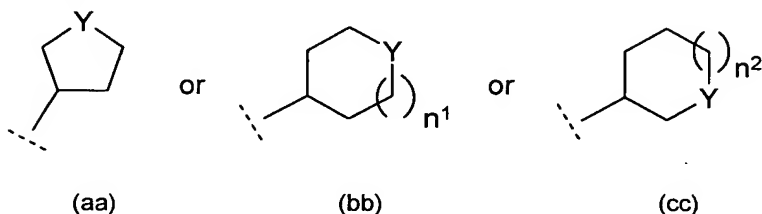


wherein:

R^1 is C_{1-4} alkyl, C_{1-3} fluoroalkyl, $-CH_2CH_2OH$ or $-CH_2CH_2CO_2C_{1-2}$ alkyl;

R^2 is a hydrogen atom (H), methyl or C_1 fluoroalkyl;

R^3 is optionally substituted C_{3-8} cycloalkyl or an optionally substituted heterocyclic group of sub-formula (aa), (bb) or (cc);



in which n^1 and n^2 independently are 1 or 2; and in which Y is O, S, SO_2 , or NR^{10} ; where R^{10} is a hydrogen atom (H), C_{1-4} alkyl, C_{1-2} fluoroalkyl, $CH_2C(O)NH_2$, $C(O)NH_2$, $C(O)-C_{1-2}$ alkyl, or $C(O)-C_1$ fluoroalkyl;

and wherein in R^3 the C_{3-8} cycloalkyl or the heterocyclic group of sub-formula (aa), (bb) or (cc) is optionally substituted with one or two substituents being oxo (=O), OH, C_{1-2} alkoxy, C_{1-2} fluoroalkoxy, or C_{1-2} alkyl; and wherein any OH, alkoxy or fluoroalkoxy substituent is not substituted at the R^3 ring carbon attached (bonded) to the -NH- group of formula (IB) and is not substituted at either R^3 ring carbon bonded to the Y group of the heterocyclic group (aa), (bb) or (cc);

and X is NR^4R^5 or OR^{5a} , in which:

R^4 is a hydrogen atom (H); C_{1-6} alkyl; C_{1-3} fluoroalkyl; or C_{2-6} alkyl substituted by one substituent R^{11} ; and

R^5 is a hydrogen atom (H); C_{1-8} alkyl; C_{1-8} fluoroalkyl; C_{3-8} cycloalkyl optionally substituted by a C_{1-2} alkyl group; or $-(CH_2)_n^4-C_{3-8}$ cycloalkyl optionally substituted, in the $-(CH_2)_n^4$ - moiety or in the C_{3-8} cycloalkyl moiety, by a C_{1-2} alkyl group, wherein n^4 is 1, 2 or 3;

or R^5 is C_{2-6} alkyl substituted by one or two independent substituents R^{11} ;

wherein each substituent R^{11} , independently of any other R^{11} substituent present, is: hydroxy (OH); C_{1-6} alkoxy; phenoxy; benzyloxy; $-NR^{12}R^{13}$; $-NR^{15}-C(O)R^{16}$; $-NR^{15}-C(O)-O-R^{16}$; $-NR^{15}-C(O)-NH-R^{15}$; or $-NR^{15}-SO_2R^{16}$, and wherein any R^{11} substituent which is OH, alkoxy or $-NR^{12}R^{13}$ is not substituted at any carbon atom, of any R^4 or R^5 substituted alkyl, which is bonded to the nitrogen of NR^4R^5 ;

or R^5 is $-(CH_2)_n^{11}-C(O)R^{16}$; $-(CH_2)_n^{11}-C(O)NR^{12}R^{13}$; $-CHR^{19}-C(O)NR^{12}R^{13}$; $-(CH_2)_n^{12}-C(O)OR^{16}$; $-CHR^{19}-C(O)OR^{16}$; $-(CH_2)_n^{12}-SO_2-NR^{12}R^{13}$; $-(CH_2)_n^{12}-SO_2R^{16}$; or $-(CH_2)_n^{12}-CN$; wherein n^{11} is 0, 1, 2, 3 or 4 and n^{12} is 1, 2, 3 or 4;

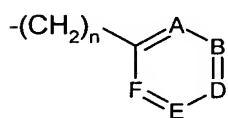
or R^5 is $-(CH_2)_n^{13}-Het$ wherein n^{13} is 0, 1, 2, 3 or 4 and Het is a 4-, 5-, 6- or 7-membered saturated or partly-saturated heterocyclic ring containing one or two ring-hetero-atoms independently selected from O, S, and N; wherein any ring-hetero-atoms present are not bound to the $-(CH_2)_n^{13}$ - moiety when n^{13} is 1 and are not bound to the nitrogen of NR^4R^5 when n^{13} is 0; wherein any ring-nitrogens which are present and which are not unsaturated (i.e. which do not partake in a double

are present as NR^{17} where R^{17} is as defined herein; and wherein one or two of the carbon ring-atoms independently are optionally substituted by C_{1-2} alkyl;

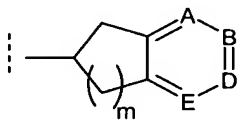
or R^5 is phenyl optionally substituted with one or two of: a halogen atom; C_{1-4} alkyl; C_{1-2} fluoroalkyl; C_{1-4} alkoxy; C_{1-2} fluoroalkoxy; C_{1-2} alkylsulphonyl (C_{1-2} alkyl- SO_2 -); C_{1-2} alkyl- SO_2 -NH-; $\text{R}^7\text{R}^8\text{N-SO}_2$ -; $\text{R}^7\text{R}^8\text{N-CO-}$; $-\text{NR}^{15}\text{-C(O)R}^{16}$; $\text{R}^7\text{R}^8\text{N}$; OH; C_{1-4} alkoxymethyl; C_{1-4} alkoxyethyl; C_{1-2} alkyl- $\text{SO}_2\text{-CH}_2$ -; cyano (CN); or phenyl optionally substituted by one or two of fluoro, chloro, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy;

wherein R^7 and R^8 are independently a hydrogen atom (H); C_{1-4} alkyl; C_{3-6} cycloalkyl; or phenyl optionally substituted by one or two of: fluoro, chloro, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy; or R^7 and R^8 together are $-(\text{CH}_2)_n^6$ - or $-\text{C(O)}-(\text{CH}_2)_n^7$ - or $-\text{C(O)}-(\text{CH}_2)_n^7\text{-C(O)-}$ or $-(\text{CH}_2)_n^8\text{-X}^7\text{-(CH}_2)_n^9$ - or $-\text{C(O)-X}^7\text{-(CH}_2)_n^{10}$ - in which: n^6 is 3, 4, 5 or 6, n^7 is 2, 3, 4, or 5, n^8 and n^9 and n^{10} independently are 2 or 3, and X^7 is O or NR^{14} wherein R^{14} is H or C_{1-2} alkyl;

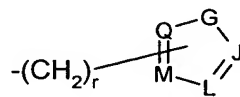
or R^5 has the sub-formula (x), (y) or (z):



(x)



(y)



(z)

wherein in sub-formula (x), $n = 1$ or 2 ; in sub-formula (y), $m = 1$ or 2 ; and in sub-formula (z), $r = 0, 1$ or 2 ;

wherein in sub-formula (x) and (y), none, one or two of A, B, D, E and F are nitrogen; and the remaining of A, B, D, E and F are independently CH or CR^6 ;

where R^6 is a halogen atom; C_{1-4} alkyl; C_{1-4} fluoroalkyl; C_{1-4} alkoxy; C_{1-2} fluoroalkoxy; C_{1-2} alkylsulphonyl (C_{1-2} alkyl- SO_2 -); C_{1-2} alkyl- SO_2 -NH-; $\text{R}^7\text{R}^8\text{N-SO}_2$ -; $\text{R}^7\text{R}^8\text{N-CO-}$; $-\text{NR}^{15}\text{-C(O)R}^{16}$; $\text{R}^7\text{R}^8\text{N}$; OH; C_{1-4} alkoxymethyl; C_{1-4} alkoxyethyl; C_{1-2} alkyl- $\text{SO}_2\text{-CH}_2$ -; cyano (CN); or phenyl optionally substituted by one or two of fluoro, chloro, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy; wherein R^7 and R^8 are as herein defined;

wherein in sub-formula (z), G is O or S or NR^9 wherein R^9 is a hydrogen atom (H), C_{1-4} alkyl or C_{1-4} fluoroalkyl; none, one, two or three of J, L, M and Q are nitrogen; and the remaining of J, L, M and Q are independently CH or CR^6 where R^6 is as defined herein;

or R^4 and R^5 taken together are $-(\text{CH}_2)_p^1$ - or $-\text{C(O)}-(\text{CH}_2)_p^2$ - or $-(\text{CH}_2)_p^3\text{-X}^5\text{-(CH}_2)_p^4$ - or $-\text{C(O)-X}^5\text{-(CH}_2)_p^5$ -, in which: $p^1 = 3, 4, 5$ or 6 , p^2 is $2, 3, 4$, or 5 , and p^3 and p^4 and p^5 independently are 2 or 3 and X^5 is O or NR^{17} ;

wherein R^{17} is a hydrogen atom (H); C_{1-4} alkyl; C_{1-2} fluoroalkyl; C_{3-6} cycloalkyl; $-(CH_2)_p^6-C(O)R^{16}$ wherein p^6 is 0, 1, 2 or 3; $-(CH_2)_p^6-C(O)NR^{12}R^{13}$; $-(CH_2)_p^6-C(O)OR^{16}$; $-SO_2R^{16}$; or phenyl or benzyl wherein the phenyl or benzyl is optionally substituted at an aromatic carbon atom by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy;

and wherein, when R^4 and R^5 taken together are $-(CH_2)_p^1-$ or $-C(O)-(CH_2)_p^2-$, the NR^4R^5 heterocycle is optionally substituted by one R^{18} substituent wherein R^{18} is: C_{1-4} alkyl; C_{1-2} fluoroalkyl; C_{3-6} cycloalkyl; C_{1-2} alkoxy (not substituted at a ring-carbon bonded to the NR^4R^5 ring-nitrogen); C_1 fluoroalkoxy (not substituted at a ring-carbon bonded to the NR^4R^5 ring-nitrogen); OH (not substituted at a ring-carbon bonded to the NR^4R^5 ring-nitrogen); $-(CH_2)_p^7-C(O)R^{16}$ wherein p^7 is 0, 1, 2 or 3; $-(CH_2)_p^7-C(O)OR^{16}$; $-(CH_2)_p^7-OC(O)R^{16}$; $-(CH_2)_p^7-C(O)NR^{12}R^{13}$; $-(CH_2)_p^7-NR^{15}C(O)R^{16}$; $-(CH_2)_p^7-NR^{15}C(O)NR^{12}R^{13}$; $-(CH_2)_p^7-NR^{15}C(O)OR^{16}$; $-(CH_2)_p^7-SO_2R^{16}$; $-(CH_2)_p^7-SO_2NR^{12}R^{13}$; $-(CH_2)_p^7-NR^{15}SO_2R^{16}$; $-(CH_2)_p^7-OH$; $-(CH_2)_p^7-OR^{16}$; or phenyl optionally substituted by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy;

or R^4 and R^5 taken together are $-(CH_2)_p^1-$ or $-C(O)-(CH_2)_p^2-$ or $-(CH_2)_p^3-X^5-(CH_2)_p^4-$ or $-C(O)-X^5-(CH_2)_p^5-$ as defined herein, and wherein the NR^4R^5 heterocycle is fused to a phenyl ring optionally substituted on the phenyl by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy; and

R^{5a} is C_{1-8} alkyl; C_{1-8} fluoroalkyl; C_{3-8} cycloalkyl; phenyl optionally substituted with one or two of: a halogen atom, C_{1-2} alkyl, trifluoromethyl, C_{1-2} alkoxy or trifluoromethoxy; or R^{5a} has the sub-formula (x), (y) or (z) as defined herein;

and wherein:

R^{12} and R^{13} independently are H; C_{1-5} alkyl; C_{3-6} cycloalkyl; or phenyl optionally substituted by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy;

or R^{12} and R^{13} together are $-(CH_2)_n^6-$ or $-C(O)-(CH_2)_n^7-$ or $-C(O)-(CH_2)_n^7-C(O)-$ or $-(CH_2)_n^8-X^{12}-(CH_2)_n^9-$ or $-C(O)-X^{12}-(CH_2)_n^{10}-$ in which: n^6 is 3, 4, 5 or 6, n^7 is 2, 3, 4, or 5, n^8 and n^9 and n^{10} independently are 2 or 3 and X^{12} is O or NR^{14} wherein R^{14} is H or C_{1-2} alkyl;

R^{15} is a hydrogen atom (H); C_{1-4} alkyl; C_{3-6} cycloalkyl; or phenyl optionally substituted by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy;

R^{16} is C_{1-4} alkyl; C_{3-6} cycloalkyl; pyridinyl; or phenyl optionally substituted by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy; and

R^{19} is a hydrogen atom (H); C_{1-4} alkyl; $-(CH_2)_n^{20}-OR^{20}$ wherein n^{20} is 1, 2, 3 or 4 and R^{20} is a hydrogen atom (H) or C_{1-4} alkyl; $-CH(Me)-OH$; $-CH_2-SH$; $-CH_2-CH_2-S-Me$; benzyl; or (4-hydroxyphenyl)methyl (~~i.e. 4-hydroxy-benzyl~~);

provided that:

when R^3 is the heterocyclic group of sub-formula (bb), n^1 is 1, and Y is NR^{10} , then:

either (a) R^{10} is not C_{1-4} alkyl, C_{1-2} fluoroalkyl or $CH_2C(O)NH_2$;

or (b) R^{10} is methyl and the compound is: 1-ethyl-N-(2-ethylbutyl)-4-[(1-methylpiperidin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide or 1-ethyl-N-(4-fluorophenyl)-4-[(1-methylpiperidin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

and provided that: where X is OR^{5a} , the compound is other than the compound wherein R^1 is methyl, X is OEt, and R^3 is cyclopentyl.

4. (Currently amended) A compound or salt as claimed in claim 1 ~~or 3~~ wherein R^2 is a hydrogen atom (H).

5. (Currently amended) A compound or salt as claimed in claim 1, ~~2, 3 or 4~~, wherein R^1 is C_{1-3} alkyl, C_{1-2} fluoroalkyl or $-CH_2CH_2OH$.

6. (Currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim~~, wherein R^1 is ethyl, n-propyl, C_2 fluoroalkyl or $-CH_2CH_2OH$.

7. (Currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim~~, wherein R^1 is ethyl.

8. (Currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim~~, wherein in R^3 there is one substituent or no substituent.

9. (Currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim~~, wherein, where R^3 is optionally substituted C_{3-8} cycloalkyl, then R^3 is not optionally substituted C_5 cycloalkyl, ~~i.e. it is not optionally substituted cyclopentyl~~.

10. (Original) A compound or salt as claimed in claim 9, wherein, where R^3 is optionally substituted C_{3-8} cycloalkyl, then R^3 is optionally substituted C_{6-8} cycloalkyl.

11. (Original) A compound or salt as claimed in claim 9, wherein, where R^3 is optionally substituted C_{3-8} cycloalkyl, then R^3 is optionally substituted cyclohexyl.
12. (Currently amended) A compound or salt as claimed in ~~any preceding claim~~, claim 1 wherein, where R^3 is optionally substituted C_{3-8} cycloalkyl, then the one or two optional substituents is or independently are: oxo ($=O$); OH; NHR^{21} wherein R^{21} is a hydrogen atom (H); methyl; $-CH_2F$; $-CHF_2$; $-C(O)OR^{23}$ wherein R^{23} is H; fluoro; hydroxyimino ($=N-OH$); or $(C_{1-2}alkoxy)imino$ ($=N-OR^{26}$ where R^{26} is $C_{1-2}alkyl$).
13. (Currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim~~, wherein, where R^3 is optionally substituted C_{3-8} cycloalkyl, then the one or two optional substituents is or independently are OH, oxo ($=O$) or hydroxyimino ($=N-OH$).
14. (Currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim~~, wherein, where R^3 is optionally substituted C_{3-8} cycloalkyl, then the one or two optional substituents if present is or are substituent(s) at the 3-, 4- or 5- position(s) of the R^3 cycloalkyl ring, [(]wherein the 1-position of the R^3 cycloalkyl ring is ~~deemed to be the connection point to the -NH-~~ in formula (I) or (IA) or (IB)[)].
15. (Currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim~~ wherein, where R^3 is optionally substituted C_6 cycloalkyl, then R^3 is cyclohexyl(~~i.e. unsubstituted~~), 3-hydroxy-cyclohexyl(~~i.e. 3-hydroxycyclohexan-1-yl~~), 4-oxo-cyclohexyl(~~i.e. 4-oxocyclohexan-1-yl~~), 4-(hydroxyimino)cyclohexyl(~~i.e. 4-(hydroxyimino)cyclohexan-1-yl~~), 4-($C_{1-2}alkoxyimino$)cyclohexyl, 1-methylcyclohexyl or 3-methylcyclohexyl.
16. (Currently amended) A compound or salt as claimed in ~~any preceding claim~~, claim 1 wherein, where R^3 is optionally substituted mono-unsaturated- C_{5-7} cycloalkenyl, then R^3 is optionally substituted mono-unsaturated- C_6 cycloalkenyl(~~i.e. optionally substituted mono-unsaturated-cyclohexenyl~~), and wherein the R^3 cycloalkenyl is optionally substituted with one or two substituents being fluoro or methyl.
17. (Currently amended) A compound or salt as claimed in ~~any preceding claim~~, claim 1 wherein, where R^3 is the heterocyclic group of sub-formula (aa), (bb) or (cc), then Y is O, S, SO_2 , NH or N- $C(O)methyl$.

18. (Currently amended) A compound or salt as claimed in ~~any preceding claim, claim 1~~ wherein, where R^3 is the heterocyclic group of sub-formula (aa), (bb) or (cc), then Y is O.
19. (Currently amended) A compound or salt as claimed in ~~any preceding claim, claim 1~~ wherein R^{10} is a hydrogen atom (H) or C(O)methyl.
20. (Currently amended) A compound or salt as claimed in ~~any preceding claim, claim 1~~ wherein where R^3 is the heterocyclic group of sub-formula (aa), (bb) or (cc), then R^3 is the heterocyclic group of sub-formula (bb) and n^1 is 1.
21. (Currently amended) A compound or salt as claimed in ~~any preceding claim, claim 1~~ wherein, in R^3 , the heterocyclic group of sub-formula (aa), (bb) or (cc) is unsubstituted (wherein, where Y is NR^{10} , R^{10} is not classified as a substituent).
22. (Currently amended) A compound or salt as claimed in ~~any of claims 1 to 20, claim 1~~ wherein, in the R^3 heterocyclic group of sub-formula (aa), (bb) or (cc), the one or two optional substituents is or are oxo (=O).
23. (Currently amended) A compound or salt as claimed in ~~any preceding claim, claim 1~~ wherein when R^3 is the heterocyclic group of sub-formula (aa) then Y is O, S, SO_2 or NH, and when R^3 is the heterocyclic group of sub-formula (bb) and Y is NR^{10} , then R^{10} is not C_{1-4} alkyl, C_{1-2} fluoroalkyl or $CH_2C(O)NH_2$.
24. (Currently amended) A compound or salt as claimed in ~~any preceding claim, claim 1~~ wherein, where R^3 is a bicyclic group of sub-formula (dd) or (ee), then R^3 is of sub-formula (ee) wherein Y^1 , Y^2 and Y^3 are all CH_2 .
25. (Currently amended) A compound or salt as claimed in ~~any preceding claim, claim 1~~ wherein NHR^3 is of sub-formula (a), (a1), (b), (c), (c 1), (c 2), (c 3), (c 4), (c 5), (c 6), (c 7), (d), (e), (f), (g), (g1), (g2), (g3), (g4), (h), (i), (j), (k), (k1), (L), (m), (m1), (m2), (m3), (m4), (m5), (n), (o), (o1), (o2), (o3), (o4), (o5), (p), (p1), (p2), (p3), (p4), (p5), (p6), (p7), (p8) or (q):



26. (Original) A compound or salt as claimed in claim 25, wherein NHR^3 is of sub-formula (c), (c1), (c 2), (c 3), (c 4), (c 5), (c 6), (c 7), (d), (e), (f), (g1), (g4), (h), (i), (j), (k), (k1), (L), (m), (m1), (m2), (m3), (m5), (n), (o), (o1), (o2), (o3), (o4), (o5), (p), (p2), (p3), (p5), (p6), (p7) or (q).
27. (Original) A compound or salt as claimed in claim 25, wherein NHR^3 is of sub-formula (c), (d), (e), (f), (g1), (h), (i), (j), (k), (m), (m1), (n), (o), (o1), (p), or (q).
28. (Currently amended) A compound or salt as claimed in claim 26 or 27, wherein NHR^3 is of sub-formula (c), (c1), (c 4), (c 5), (h), (i), (j), (k), (m1), (m2), (n), (o), (o2), (o3), (p2), (p5), (p6) or (q).
29. (Currently amended): A compound or salt as claimed in claim 26 or 27, wherein NHR^3 is of sub-formula (c), (h), (k), (n), (o) or (o2).
30. (Original): A compound or salt as claimed in claim 25, wherein R^3 is tetrahydro-2H-pyran-4-yl; that is NHR^3 is of sub-formula (h).
31. (Currently amended) A compound or salt as claimed in ~~any preceding claim~~, claim 1 wherein X is NR^4R^5 .
32. (Currently amended) A compound or salt as claimed in ~~any preceding claim~~, claim 1 wherein R^4 is a hydrogen atom (H), C_{1-4} alkyl, $-(\text{CH}_2)_n^3\text{-OH}$ or $-(\text{CH}_2)_n^3\text{-NR}^{12}\text{R}^{13}$ wherein n^3 is 2 and R^{12} and R^{13} independently are H or C_1 alkyl.
33. (Currently amended) A compound or salt as claimed in ~~any preceding claim~~, claim 1 wherein R^4 is a hydrogen atom (H).
34. (Currently amended) A compound or salt as claimed in ~~any preceding claim~~, claim 1 wherein R^5 is:
- C_{1-8} alkyl;
 - C_{1-3} fluoroalkyl;
 - C_{3-8} cycloalkyl (unsubstituted);
 - unsubstituted $-(\text{CH}_2)_n^4\text{-C}_{5-6}$ cycloalkyl wherein n^4 is 1 or 2;

$-(CH_2)_n^5-R^{11}$ wherein n^5 is 2 or 3, and each substituent R^{11} , independently of any other R^{11} substituent present, is C_{1-4} alkoxy, $-NR^{15}-C(O)-NH-R^{15}$, or $-NR^{15}-SO_2R^{16}$, and any R^{11} substituent which is alkoxy is not substituted at any carbon atom, of the R^5 substituted alkyl, which is bonded to the nitrogen of NR^4R^5 ;

or R^5 is

$-(CH_2)_n^{11}-C(O)R^{16}$;

$-(CH_2)_n^{12}-C(O)NR^{12}R^{13}$;

$-(CH_2)_n^{12}-C(O)OR^{16}$;

$-(CH_2)_n^{12}-SO_2-NR^{12}R^{13}$;

$-(CH_2)_n^{12}-SO_2R^{16}$;

or $-(CH_2)_n^{12}-CN$ wherein n^{11} is 1 or 2 and n^{12} is 1 or 2.

35. (Currently amended) A compound or salt as claimed in ~~any of claims 1 to 33~~, claim 1 wherein R^5 is $-(CH_2)_n^{13}-Het$, n^{13} is 0, 1 or 2, and Het is a 5- or 6-membered saturated heterocyclic ring.

36. (Currently amended) A compound or salt as claimed in ~~any of claims 1 to 33~~, claim 1 wherein R^5 is phenyl optionally substituted with, independently, one or two of:

a halogen atom;

C_{1-2} alkyl;

C_{1-2} fluoroalkyl;

C_{1-2} alkoxy;

trifluoromethoxy;

C_{1-2} alkylsulphonyl (C_{1-2} alkyl- SO_2 -);

C_{1-2} alkyl- SO_2 -NH-;

$R^7R^8N-SO_2$ -;

R^7R^8N-CO -;

$-NR^{15}-C(O)R^{16}$;

R^7R^8N ; OH; C_{1-2} alkoxymethyl;

C_{1-2} alkyl- SO_2-CH_2 -;

cyano (CN);

or phenyl optionally substituted by one of fluoro, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy.

37. (Original) A compound or salt as claimed in claim 35, wherein R^5 is phenyl optionally substituted with one or two of: a halogen atom, C_{1-2} alkyl, trifluoromethyl, C_{1-2} alkoxy, trifluoromethoxy, $R^7R^8N-SO_2-$, R^7R^8N-CO- , or $C_{1-2}alkyl-SO_2-CH_2-$.
38. (Currently amended) A compound or salt as claimed in ~~any of claims 1 to 33,~~claim 1 wherein R^5 has the sub-formula (x) or (y) or (y1) or (z).
39. (Currently amended) A compound or salt as claimed in ~~any of claims 1 to 33,~~claim 1 wherein R^5 has the sub-formula (x).
40. (Currently amended) A compound or salt as claimed in ~~any preceding claim,~~claim 1 wherein $n = 1$, $m = 1$, and $r = 1$.
41. (Currently amended) A compound or salt as claimed in ~~any preceding claim,~~claim 1 wherein, in sub-formula (x), (y) and/or (y1): none, one or two of A, B, D, E and F are nitrogen; none, one, two or three of A, B, D, E and F are CR^6 ; and the remaining of A, B, D, E and F are CH.
42. (Original) A compound or salt as claimed in claim 41, wherein, in sub-formula (x), (y) and/or (y1), none or one of A, B, D, E and F are nitrogen.
43. (Currently amended) A compound or salt as claimed in ~~any preceding claim,~~claim 1 wherein in sub-formula (x), (y), (y1) and/or (z), each R^6 , independently of any other R^6 present, is a fluorine, chlorine, bromine or iodine atom, methyl, ethyl, n-propyl, isopropyl, C_4 alkyl, trifluoromethyl, $-CH_2OH$, methoxy, ethoxy, C_1 fluoroalkoxy, OH, $C_{1-3}alkylS(O)_2-$, $C_{1-3}alkylS(O)_2-NH-$, $Me_2N-S(O)_2-$, $H_2N-S(O)_2-$, $-CONH_2$, $-CONHMe$, $-CO_2H$, cyano (CN), NMe_2 , t-butoxymethyl, or $C_{1-3}alkylS(O)_2-CH_2-$.
44. (Original) A compound or salt as claimed in claim 43, wherein in sub-formula (x), (y), (y1) and/or (z), each R^6 , independently of any other R^6 present, is a fluorine, chlorine or bromine atom, methyl, ethyl, n-propyl, isopropyl, trifluoromethyl, $-CH_2OH$, methoxy, difluoromethoxy, methylsulphonyl, methyl- SO_2-NH- or methyl- SO_2-CH_2- .
45. (Currently amended) A compound or salt as claimed in ~~any preceding claim,~~claim 1 wherein R^5 is of sub-formula (x) and is: benzyl, (monoalkyl-phenyl)methyl,

[mono(fluoroalkyl)-phenyl]methyl, (monohalo-phenyl)methyl, (monoalkoxy-phenyl)methyl, [mono(fluoroalkoxy)-phenyl]methyl, [mono(N,N-dimethylamino)-phenyl]methyl, [mono(methyl-SO₂-NH-)-phenyl]methyl, [mono(methyl-SO₂-)-phenyl]methyl, (dialkyl-phenyl)methyl, (monoalkyl-monohalo-phenyl)methyl, [mono(fluoroalkyl)-monohalo-phenyl]methyl, (dihalo-phenyl)methyl, (dihalo-monoalkyl-phenyl)methyl, [dihalo-mono(hydroxymethyl)-phenyl]methyl, or (dialkoxy-phenyl)methyl.

46. (Original) A compound or salt as claimed in claim 45, wherein R⁵ is: (monoC₁₋₃alkyl-phenyl)methyl; (monoC₁fluoroalkyl-phenyl)methyl; (monoC₁₋₂alkoxy-phenyl)methyl; [mono(C₁fluoroalkoxy)-phenyl]methyl; (diC₁₋₂alkyl-phenyl)methyl; (monoC₁₋₂alkyl-monohalo-phenyl)methyl; (dihalo-phenyl)methyl; (dihalo-monoC₁₋₂alkyl-phenyl)methyl; or [dihalo-mono(hydroxymethyl)-phenyl]methyl.

47. (Currently amended) A compound or salt as claimed in claim 46, wherein R⁵ is:
(4-C₁₋₃alkyl-phenyl)methyl; (4-C₁fluoroalkyl-phenyl)methyl; (4-C₁₋₂alkoxy-phenyl)methyl; (4-C₁fluoroalkoxy-phenyl)methyl; (3,4-dimethyl-phenyl)methyl; (2,4-dimethyl-phenyl)methyl; (3,5-dimethyl-phenyl)methyl; (2,3-dimethyl-phenyl)methyl; (2,5-dimethyl-phenyl)methyl; (4-methyl-3-chloro-phenyl)methyl; (3-methyl-4-chloro-phenyl)methyl; (2-methyl-4-chloro-phenyl)methyl; (2-chloro-4-fluorophenyl)methyl; (2,4-difluoro-phenyl)methyl; (4-bromo-2-fluorophenyl)methyl; (4-chloro-2-fluorophenyl)methyl; (3,4-dichloro-phenyl)methyl; (2,4-dichloro-phenyl)methyl; (2,6-dichloro-phenyl)methyl; (2,3-dichloro-phenyl)methyl; (2,4-dichloro-6-methyl-phenyl)methyl; or [2,3-dichloro-6-(hydroxymethyl)-phenyl]methyl.

48. (Currently amended) A compound or salt as claimed in ~~any of claims 1 to 44~~, claim 1 wherein R⁵ has the sub-formula (z), r is 1, none or one of J, L, M or Q is CR⁶, and if one of J, L, M or Q is CR⁶ then R⁶ is methyl or C₁fluoroalkyl, and R⁹ is a hydrogen atom (H) or methyl.

49. (Currently amended): A compound or salt as claimed in claim 1, which is:
ethyl 4-(cyclopentylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
~~Ethylethyl~~ 4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
~~Ethylethyl~~ 1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
~~Ethylethyl~~ 4-[(1-acetylpiperidin-4-yl)amino]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,

~~Ethylethyl~~ 1-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,

~~Ethylethyl~~ 1-ethyl-4-[(3S)-tetrahydrofuran-3-ylamino]-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,

~~Ethylethyl~~ 1-ethyl-4-[(3R)-tetrahydrofuran-3-ylamino]-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,

~~Ethylethyl~~ 1-ethyl-4-(tetrahydro-2H-thiopyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,

~~Ethylethyl~~ 1-ethyl-4-(tetrahydrothien-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,

~~Ethylethyl~~ 4-(cyclopropylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,

~~Ethylethyl~~ 4-[(1,1-dioxidotetrahydrothien-3-yl)amino]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,

~~Ethylethyl~~ 4-[(1,1-dioxidotetrahydro-2H-thiopyran-4-yl)amino]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,

~~N-Benzylbenzyl~~ -1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(4-fluorophenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

~~N-Cyclopentyl cyclopentyl~~ -4-(cyclopentylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamine cyclohexylamine~~)-N-cyclopentyl-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

~~N-Cyclopentyl cyclopentyl~~ -1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-~~Acetyl~~~~piperidin~~ ~~acetyl~~~~piperidin~~ -4-yl)amino]-N-cyclopentyl-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

~~N-Cyclopentyl cyclopentyl~~ -1-ethyl-5-(pyrrolidin-1-ylcarbonyl)-1H-pyrazolo[3,4-b]pyridin-4-amine,

~~N-Cyclohexyl cyclohexyl~~ -1-ethyl-5-(pyrrolidin-1-ylcarbonyl)-1H-pyrazolo[3,4-b]pyridin-4-amine,

1-~~Ethylethyl~~ -5-(pyrrolidin-1-ylcarbonyl)-N-tetrahydro-2H-pyran-4-yl-1H-pyrazolo[3,4-b]pyridin-4-amine,

4-(~~Cyclopentylamine cyclopentylamine~~)-1-ethyl-N-(pyridin-4-ylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamine~~ cyclohexylamino)-1-ethyl-N-(pyridin-4-ylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~-N-(pyridin-4-ylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclopentylamine~~ cyclopentylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylamine~~ cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-~~Benzylbenzyl~~-4-(cyclopentylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-~~Benzylbenzyl~~-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl acetyl

piperidin

 -4-yl)amino]-N-benzyl-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclopentylamine~~ cyclopentylamino)-1-ethyl-N-(2-ethylbutyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylamine~~ cyclohexylamino)-1-ethyl-N-(2-ethylbutyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~-N-(2-ethylbutyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~-N-(2-ethylbutyl)-4-[(1-methyl-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl acetyl

piperidin

 -4-yl)amino]-1-ethyl-N-(2-ethylbutyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclopentylamine~~ cyclopentylamino)-1-ethyl-N-(4-fluorophenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylamine~~ cyclohexylamino)-1-ethyl-N-(4-fluorophenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~-N-(4-fluorophenyl)-4-[(1-methyl-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl acetyl

piperidin

 -4-yl)amino]-1-ethyl-N-(4-fluorophenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclopentylamine~~ cyclopentylamino)-1-ethyl-N-n-propyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~ cyclohexylamino)-1-ethyl-N-n-propyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethyl~~ethyl-N-n-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-~~Acetyl~~acetyl~~piperidin~~ piperidin -4-yl)amino]-1-ethyl-N-n-propyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-~~Acetyl~~acetyl~~piperidin~~ piperidin -4-yl)amino]-1-ethyl-N-(pyridin-4-ylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-~~Benzyl~~ benzyl -4-(cyclopentylamino)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-~~Benzyl~~ benzyl -4-(cyclohexylamino)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-~~Benzyl~~ benzyl -1-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclopentylamino~~ cyclopentylamino)-N-(2-ethylbutyl)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~ cyclohexylamino)-N-(2-ethylbutyl)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(2-~~Ethyl~~ethyl butyl)-1-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclopentylamino~~ cyclopentylamino)-N-(4-fluorophenyl)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~ cyclohexylamino)-N-(4-fluorophenyl)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(4-~~Fluorophenyl~~ fluorophenyl)-1-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclopentylamino~~ cyclopentylamino)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~ cyclohexylamino)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-~~Acetyl~~acetyl~~piperidin~~ piperidin -4-yl)amino]-N-benzyl-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethyl~~ethyl-N-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N,N-dimethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-isopropyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-Benzylbenzyl-1-ethyl-4-[(3S)-tetrahydrofuran-3-ylamino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-Benzylbenzyl-1-ethyl-4-[(3R)-tetrahydrofuran-3-ylamino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-Benzylbenzyl-1-ethyl-4-(tetrahydrothien-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-Benzylbenzyl-4-(cyclopropylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-Benzylbenzyl-4-[(1,1-dioxidotetrahydrothien-3-yl)amino]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-Benzylbenzyl-4-[(1,1-dioxidotetrahydro-2H-thiopyran-4-yl)amino]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-Benzylbenzyl-1-ethyl-4-(tetrahydro-2H-thiopyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-(4-fluorophenyl)-4-[(3S)-tetrahydrofuran-3-ylamino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-(4-fluorophenyl)-4-[(3R)-tetrahydrofuran-3-ylamino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-(4-fluorophenyl)-4-(tetrahydro-2H-thiopyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-(4-fluorophenyl)-4-(tetrahydrothien-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(Cyclopropylamino cyclopropylamino)-1-ethyl-N-(4-fluorophenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1,1-Dioxidotetrahydrothien dioxidotetrahydrothien -3-yl)amino]-1-ethyl-N-(4-fluorophenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1,1-Dioxidotetrahydro dioxidotetrahydro -2H-thiopyran-4-yl)amino]-1-ethyl-N-(4-fluorophenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[4-(methylsulfonyl)benzyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[3-(methylsulfonyl)benzyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-5-{[5-methoxy-6-(trifluoromethyl)-2,3-dihydro-1H-indol-1-yl]carbonyl}-N-tetrahydro-2H-pyran-4-yl-1H-pyrazolo[3,4-*b*]pyridin-4-amine,

N-[(5-~~Chloropyridin~~-~~chloropyridin~~-2-yl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-(4-~~Chlorobenzyl~~-~~chlorobenzyl~~)-1-ethyl-N-isopropyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-(3-~~Chlorobenzyl~~-~~chlorobenzyl~~)-1-ethyl-N-(2-hydroxyethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[(5-methyl-3-phenylisoxazol-4-yl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-(2-~~tert~~-~~Butoxyethyl~~-~~butoxyethyl~~)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-4-(tetrahydro-2H-pyran-4-ylamino)-N-(1,3-thiazol-2-ylmethyl)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(pyrimidin-4-ylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[(2-methyl-1,3-thiazol-4-yl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[3-(~~tert~~-~~Butoxymethyl~~-~~butoxymethyl~~)benzyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{2-[methyl(methylsulfonyl)amino]ethyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(pyrazin-2-ylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-5-{[4-(pyridin-2-ylcarbonyl)piperazin-1-yl]carbonyl}-N-tetrahydro-2H-pyran-4-yl-1H-pyrazolo[3,4-*b*]pyridin-4-amine,

N-(2-~~Chloro~~-~~chloro~~-6-fluorobenzyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[(6-oxo-1,6-dihydropyridin-3-yl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[3-(~~Aminocarbonyl~~aminocarbonyl)benzyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~ethyl-N-[4-[(methylamino)carbonyl]phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~ethyl-N-[2-(1-methyl-1H-imidazol-4-yl)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-{2-[(~~Anilincarbonyl~~anilincarbonyl)amino]ethyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~ethyl-N-(1H-tetrazol-5-ylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-[2-(1H-1,2,4-triazol-1-yl)ethyl]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-[4-(trifluoromethyl)phenyl]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

~~tert-Butyl~~butyl4-({[1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridin-5-yl]carbonyl)amino)piperidine-1-carboxylate,

1-~~Ethylethyl~~ethyl-N-{3-[(methylsulfonyl)amino]propyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[2-(~~Dimethylamino~~dimethylamino)benzyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~ethyl-N-[(1-ethylpyrrolidin-2-yl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~ethyl-N-(tetrahydrofuran-2-ylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~ethyl-N-tetrahydro-2H-pyran-4-yl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-{4-[(~~Dimethylamino~~dimethylamino)sulfonyl]benzyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~ethyl-N-{3-[(methylsulfonyl)amino]benzyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~ethyl-N-(4-methoxyphenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~ethyl-N-[3-(2-oxopyrrolidin-1-yl)propyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[2-(1-methylpyrrolidin-2-yl)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(pyridin-3-ylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(1-methylpiperidin-4-yl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(1-ethylpropyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(2-piperidin-1-ylethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(3-morpholin-4-ylpropyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-(3-~~Ethoxypropyl~~-~~ethoxypropyl~~)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-(~~Cyclohexylmethyl~~-~~cyclohexylmethyl~~)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[3-(~~Dimethylamino~~-~~dimethylamino~~)propyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-neopentyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(4-methoxybenzyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{2-[(phenylsulfonyl)amino]ethyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[2-(~~Acetylamine~~-~~acetylamine~~)ethyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{2-[(methylsulfonyl)amino]ethyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{2-[(2-methoxyphenyl)(methyl)amino]ethyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(2-oxo-2-phenylethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-(2,5-~~Difluorobenzyl~~-~~difluorobenzyl~~)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethyl~~ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-[4-(trifluoromethyl)benzyl]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N,1-~~Diethyl~~diethyl-N-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-~~Cyclopropyl~~cyclopropyl-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-(2-amino-2-oxoethyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethyl~~ethyl-N-(3-methoxyphenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-(3,4-~~Difluorobenzyl~~difluorobenzyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

~~Ethyl~~ethyl3-({[1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridin-5-yl]carbonyl}amino)propanoate,

N-(1-~~Benzylpiperidin~~benzylpiperidin-4-yl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-~~Butyl~~butyl-4-({[1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridin-5-yl]carbonyl}piperazine-1-carboxamide,

1-~~Ethyl~~ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-(1,3,4-thiadiazol-2-yl)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-(2,3-~~Dihydro~~dihydro-1H-inden-2-yl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethyl~~ethyl-N-[2-(2-oxoimidazolidin-1-yl)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-(3,4-~~Dimethoxybenzyl~~dimethoxybenzyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-(3-~~Chlorobenzyl~~chlorobenzyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethyl~~ethyl-5-[(4-methylpiperazin-1-yl)carbonyl]-N-tetrahydro-2H-pyran-4-yl-1H-pyrazolo[3,4-*b*]pyridin-4-amine,

1-~~Ethyl~~ethyl-N-(2-hydroxyethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethyl~~ethyl-5-{{[4-(4-methoxyphenyl)piperazin-1-yl]carbonyl}-N-tetrahydro-2H-pyran-4-yl-1H-pyrazolo[3,4-*b*]pyridin-4-amine,

1-Ethylethyl-N-{4-[(methylsulfonyl)methyl]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[3-(dimethylamino)-3-oxopropyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-Ethylethyl-N-[(1-methyl-1H-imidazol-5-yl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-Ethylethyl-N-{4-[(methylamino)sulfonyl]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-(2-Cyanoethylcyanoethyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-Ethylethyl-N-[(1-methyl-1H-pyrazol-4-yl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-Ethylethyl-N-methyl-N-[(1-methyl-1H-imidazol-2-yl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-Ethylethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-(2-thien-2-ylethyl)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[2-(4-Chlorophenylchlorophenyl)ethyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-Ethylethyl-N-[2-(2-methoxyphenyl)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

Ethylethyl-4-(cyclohexylamino)-1-(3-ethoxy-3-oxopropyl)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxylate,

Ethylethyl 1-n-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxylate,

Ethylethyl 1-(2-hydroxyethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxylate,

N-[4-(Methylsulfonylmethylsulfonyl)benzyl]-1-n-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-(4-Fluorophenylfluorophenyl)-1-n-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

Ethylethyl 1-ethyl-6-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxylate,

Ethylethyl 4-(cyclohexylamino)-1-ethyl-6-methyl-1H-pyrazolo[3,4-*b*]pyridine-5-carboxylate,

4-(~~Cyclohexylamino~~ cyclohexylamino)-1-ethyl-6-methyl-N-[4-(methylsulfonyl)benzyl]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-~~Benzylbenzyl~~ 4-(cyclohexylamino)-1-ethyl-6-methyl-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~ cyclohexylamino)-1-ethyl-N-(4-fluorophenyl)-6-methyl-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~ cyclohexylamino)-1-ethyl-6-methyl-N-[4-(trifluoromethyl)benzyl]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~ cyclohexylamino)-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-6-methyl-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-~~Benzylbenzyl~~-1-ethyl-6-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-~~Benzylbenzyl~~-1-ethyl-4-[(2-oxoazepan-3-yl)amino]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-~~Benzylbenzyl~~-1-ethyl-4-[(3-hydroxycyclohexyl)amino]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-~~Benzylbenzyl~~-1-ethyl-4-[(4-hydroxycyclohexyl)amino]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-~~Benzylbenzyl~~-1-ethyl-4-[(3-hydroxycyclopentyl)amino]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-~~Benzylbenzyl~~-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(2-hydroxy-1-methylethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

~~Methylmethyl~~ (2*S*)-2-([1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-*b*]pyridin-5-yl]carbonyl)amino)-3-hydroxypropanoate,

~~Ethylethyl~~ 1-ethyl-4-[(4-hydroxycyclohexyl)amino]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxylate,

~~Ethylethyl~~ 1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxylate,

~~Ethylethyl~~ 4-[(1-acetyl-4-piperidiny)amino]-1-ethyl-1H-pyrazolo[3,4-*b*]pyridine-5-carboxylate,

~~Ethylethyl~~ 4-[(4-aminocyclohexyl)amino]-1-ethyl-1H-pyrazolo[3,4-*b*]pyridine-5-carboxylate,

~~Ethylethyl~~-N-[(1-oxido-3-pyridinyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[(1-oxido-2-pyridinyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[(1-oxido-4-pyridinyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(~~cis-4-Aminocyclohexyl~~ aminocyclohexyl)amino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~ cyclohexylamino)-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~ cyclohexylamino)-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-4-[(4-methylcyclohexyl)amino]-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-4-[(3-methylcyclohexyl)amino]-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-4-[(1-methylcyclohexyl)amino]-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1R,2R,4S)-~~Bicyclo~~ bicyclo [2.2.1]hept-2-ylamino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1R,2S,4S)-~~Bicyclo~~ bicyclo [2.2.1]hept-2-ylamino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-4-[(3S)-2-oxo-3-pyrrolidinyl]amino]-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(2,5-~~Dioxo~~ dioxo-3-pyrrolidinyl)amino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(1-~~Azabicyclo~~ azabicyclo [2.2.2]oct-3-ylamino)-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-4-[(1-methylcyclohexyl)amino]-N-{[4-(methyloxy)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclobutylamino~~ cyclobutylamino)-1-ethyl-N-{[4-(methyloxy)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cycloheptylamino~~ cycloheptylamino)-1-ethyl-N-{[4-(methyloxy)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1R,2R,4S)-~~Bicyclo~~bicyclo [2.2.1]hept-2-ylamino]-1-ethyl-N-([4-(methyloxy)phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~ 4-[(4-methylcyclohexyl)amino]-N-([4-(methyloxy)phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~ 4-[(3-methylcyclohexyl)amino]-N-([4-(methyloxy)phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1R,2S,4S)-~~Bicyclo~~bicyclo [2.2.1]hept-2-ylamino]-1-ethyl-N-([4-(methyloxy)phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(cis-4-~~Aminocyclohexyl~~aminocyclohexyl)amino]-1-ethyl-N-([4-(methyloxy)phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cycloheptylamino~~cycloheptylamino)-1-ethyl-N-([4-[(methylsulfonyl)amino]phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclobutylamino~~cyclobutylamino)-1-ethyl-N-([4-[(methylsulfonyl)amino]phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1R,2R,4S)-~~Bicyclo~~bicyclo [2.2.1]hept-2-ylamino]-1-ethyl-N-([4-[(methylsulfonyl)amino]phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1R,2S,4S)-~~Bicyclo~~bicyclo [2.2.1]hept-2-ylamino]-1-ethyl-N-([4-[(methylsulfonyl)amino]phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~ 4-[(4-methylcyclohexyl)amino]-N-([4-[(methylsulfonyl)amino]phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~ 4-[(3-methylcyclohexyl)amino]-N-([4-[(methylsulfonyl)amino]phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~ 4-[(1-methylcyclohexyl)amino]-N-([4-[(methylsulfonyl)amino]phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(cis-4-~~Aminocyclohexyl~~aminocyclohexyl)amino]-1-ethyl-N-([4-[(methylsulfonyl)amino]phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-([4-[(methylsulfonyl)amino]phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cycloheptylamino~~cycloheptylamino)-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclobutylamino~~cyclobutylamino)-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(2,3-~~Dihydro~~dihydro -1H-inden-2-yl)-1-ethyl-4-[(3-methylcyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(2,3-Dihydro ~~dihydro~~ -1H-inden-2-yl)-1-ethyl-4-[(4-methylcyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1R,2R,4S)-~~Bicyclo~~ bicyclo [2.2.1]hept-2-ylamino]-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1R,2S,4S)-~~Bicyclo~~ bicyclo [2.2.1]hept-2-ylamino]-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(2,3-Dihydro ~~dihydro~~ -1H-inden-2-yl)-1-ethyl-4-[(1-methylcyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(cis-4-~~Aminocyclohexyl~~ aminocyclohexyl)amino]-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl ~~ethyl~~-N-{4-[(methylsulfonyl)methyl]phenyl}-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2,4-~~Dimethylphenyl~~ dimethylphenyl)methyl]-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(3,4-~~Dimethylphenyl~~ dimethylphenyl)methyl]-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(3,4-~~Dichlorophenyl~~ dichlorophenyl)methyl]-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl ~~ethyl~~-N-{4-(methyloxy)phenyl}methyl}-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl ~~ethyl~~-N-({4-[(methylsulfonyl)amino]phenyl}methyl)-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-({4-(~~Dimethylamino~~ dimethylamino)phenyl}methyl)-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-({4-(~~Difluoromethyl~~ difluoromethyl)oxy}phenyl}methyl)-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl ~~ethyl~~-4-[(4-oxocyclohexyl)amino]-N-({4-(trifluoromethyl)phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl ~~ethyl~~-N-({4-(methylsulfonyl)phenyl}methyl)-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl ~~ethyl~~-N-(4-fluorophenyl)-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl ~~ethyl~~-4-[(4-oxocyclohexyl)amino]-N-(2-pyridinylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,

N-(2,3-Dihydrodihydro-1H-inden-2-yl)-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(1-Acetylacetyl-4-piperidiny)-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-[(1-methyl-1H-pyrazol-4-yl)methyl]-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N,1-Diethyldiethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide

1-Ethylethyl-4-[(4-oxocyclohexyl)amino]-N-(1,3-thiazol-2-ylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-(phenylmethyl)-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-({4-[(Difluoromethyl difluoromethyl)oxy]phenyl}methyl)-1-ethyl-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-4-(tetrahydro-2H-pyran-3-ylamino)-N-{[4-(trifluoromethyl)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-{[4-(methylsulfonyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-{4-[(methylsulfonyl)methyl]phenyl}-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-(4-fluorophenyl)-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-(2-pyridinylmethyl)-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,

N-(2,3-Dihydrodihydro-1H-inden-2-yl)-1-ethyl-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(1-Acetylacetyl-4-piperidiny)-1-ethyl-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-[(1-methyl-1H-pyrazol-4-yl)methyl]-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N,1-Diethyldiethyl-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-4-(tetrahydro-2H-pyran-3-ylamino)-N-(1,3-thiazol-2-ylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(4,4-Difluorocyclohexyl)amino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethyl-4-[(4-fluoro-3-cyclohexen-1-yl)amino]-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-N-[(3,4-dichlorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-1-ethyl-N-[(3-fluorophenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-N-[(3,4-difluorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-N-[(2,5-difluorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-1-ethyl-N-{[3-(trifluoromethyl)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-1-ethyl-N-{[4-(trifluoromethyl)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-N-[(2,6-difluorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-N-[(3-chlorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-1-ethyl-N-{[4-(methyloxy)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-1-ethyl-N-[4-(methyloxy)phenyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-N-({4-[(dimethylamino)sulfonyl]phenyl}methyl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-1-ethyl-N-(1,2,3,4-tetrahydro-1-naphthalenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-N-{[2-(dimethylamino)phenyl]methyl}-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-N-[(2,4-dichlorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetylacetyl-4-piperidiny)amino]-1-ethyl-N-[(2-fluorophenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetylacetyl-4-piperidiny)amino]-N-[(2-chloro-6-fluorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetylacetyl-4-piperidiny)amino]-N-({4-[(difluoromethyl)oxy]phenyl}methyl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetylacetyl-4-piperidiny)amino]-N-([3-chloro-4-(methyloxy)phenyl]methyl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetylacetyl-4-piperidiny)amino]-N-[(5-chloro-2-pyridinyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetylacetyl-4-piperidiny)amino]-N-(5-chloro-2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetylacetyl-4-piperidiny)amino]-1-ethyl-N-(1,3-thiazol-2-ylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetylacetyl-4-piperidiny)amino]-1-ethyl-N-{[4-(methylsulfonyl)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetylacetyl-4-piperidiny)amino]-N-(2,2-diphenylethyl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetylacetyl-4-piperidiny)amino]-1-ethyl-N-({4-[(methylsulfonyl)amino]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetylacetyl-4-piperidiny)amino]-1-ethyl-N-({4-[(methylamino)carbonyl]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetylacetyl-4-piperidiny)amino]-N-({[4-(aminosulfonyl)phenyl]methyl}-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetylacetyl-4-piperidiny)amino]-1-ethyl-N-({3-[(methylamino)carbonyl]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetylacetyl-4-piperidiny)amino]-N-([4-(aminocarbonyl)phenyl]methyl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetylacetyl-4-piperidiny)amino]-1-ethyl-N-([6-(methyloxy)-3-pyridinyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-4-piperidinyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-(4-piperidinylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-[1-(ethylsulfonyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-{1-[(1-methylethyl)sulfonyl]-4-piperidinyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[1-(Cyclopentylsulfonyl)-4-piperidinyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-[1-(methylsulfonyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-{1-[(phenylmethyl)sulfonyl]-4-piperidinyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-[1-(phenylsulfonyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-[1-(propylsulfonyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[1-(Cyclopropylcarbonyl)-4-piperidinyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-[1-(3-furanylcarbonyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[1-(3,3-Dimethylbutanoyl)-4-piperidinyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-[1-(2-ethylbutanoyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[1-(Cyclopentylacetyl)-4-piperidinyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-[1-(2-methylpropanoyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-[1-(tetrahydro-2H-pyran-4-ylcarbonyl)-4-piperidinyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-(1-propanoyl-4-piperidinyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[1-(N-Acetylglucyl)-4-piperidinyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-[1-(4-morpholinylacetyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{1-[(4-oxocyclohexyl)carbonyl]-4-piperidinyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[1-(1-piperidinylacetyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{1-[(1-methyl-5-oxo-3-pyrrolidinyl)carbonyl]-4-piperidinyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{1-[(3-methyl-3-oxetanyl)carbonyl]-4-piperidinyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{1-[(4-fluorophenyl)acetyl]-4-piperidinyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[[1-(3,3-~~Dimethylbutanoyl~~~~dimethylbutanoyl~~)-4-piperidinyl]methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[[1-(~~Cyclopentylacetyl~~~~cyclopentylacetyl~~)-4-piperidinyl]methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[[1-(~~Cyclopropylcarbonyl~~~~cyclopropylcarbonyl~~)-4-piperidinyl]methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-({1-[(4-oxocyclohexyl)carbonyl]-4-piperidinyl}methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-({1-[(4-fluorophenyl)acetyl]-4-piperidinyl}methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-({1-[(1-methyl-5-oxo-3-pyrrolidinyl)carbonyl]-4-piperidinyl}methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

~~Methyl~~~~methyl~~ 3-[(1-ethyl-5-[(phenylmethyl)amino]carbonyl)-1H-pyrazolo[3,4-b]pyridin-4-yl)amino]cyclohexanecarboxylate,

3-[(1-~~Ethylethyl~~-5-[(phenylmethyl)amino]carbonyl)-1H-pyrazolo[3,4-b]pyridin-4-yl)amino]cyclohexanecarboxylic acid,

1-~~Ethylethyl~~-N-(phenylmethyl)-4-(4-piperidinylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

~~Ethylethyl~~ 1-ethyl-4-({1-[(methyloxy)acetyl]-4-piperidinyl}amino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,

~~Ethylethyl~~ 1-(1-methylethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,

4-(~~Cyclohexylamino~~~~cyclohexylamino~~)-1-ethyl-N-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(4-fluorophenyl)-6-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-6-methyl-N-{[4-(methylsulfonyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(2,3-~~Dihydrodihydro~~-1H-inden-2-yl)-1-ethyl-6-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[3-(1-piperidinylcarbonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[4-(1-methylethyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(2-fluorophenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{3-[(~~Dimethylaminodimethylamino~~)carbonyl]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{4-[(~~Di~~fluoromethyl(~~di~~fluoromethyl)oxy]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{4-[-~~Acetylacetyl~~](methyl)amino]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(4-hydroxyphenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[4-(4-morpholinyl)-2-(trifluoromethyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-4-pyridinyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{4-[(4-methyl-1-piperazinyl)carbonyl]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[2-(2-oxo-1-pyrrolidinyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[3-(methylsulfonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{3-[-~~Acetylacetyl~~](methyl)amino]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{3-[(methylsulfonyl)amino]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(4-fluoro-2-hydroxyphenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(4-~~Chlorophenylchlorophenyl~~)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(3-~~Chlorochloro~~-2-cyanophenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[3-(1-piperidinylsulfonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[2-(methylsulfonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{2-[-~~Acetylacetyl~~(methyl)amino]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[3-(4-morpholinylcarbonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(4-~~Chlorochloro~~-3-cyanophenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(3-hydroxyphenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(3-~~Chlorophenylchlorophenyl~~)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[3-[(~~Acetylamineacetylamine~~)methyl]-4-(methyloxy)phenyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[4-(1-piperidinylsulfonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(3-[(~~Cyclohexylcyclohexyl~~(methyl)amino)carbonyl]phenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[2-(4-morpholinyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{3-[(~~Acetylamineacetylamine~~)sulfonyl]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(3-~~Chlorochloro~~-4-hydroxyphenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{4-[(methylsulfonyl)amino]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{3-[(meth~~yl~~amino)carbonyl]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-4-(tetrahydro-2H-pyran-4-ylamino)-N-[3-(trifluoromethyl)phenyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-3-pyridinyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(3,4-~~Dichlorophenyl~~dichlorophenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[3-(~~Aminosulfonyl~~aminosulfonyl)-4-chlorophenyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[3-(4-morpholinyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[4-(4-morpholinylsulfonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{2-[(4-methyl-1-piperazinyl)carbonyl]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{2-[(~~Difluoromethyl~~difluoromethyl)carbonyl]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[2-Chloro-4-(~~trifluoromethyl~~trifluoromethyl)phenyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{2-[(~~Acetylamine~~acetylamine)methyl]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(2-~~Chlorophenyl~~chlorophenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(3-~~Chloro~~chloro-2-fluorophenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(3-fluorophenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(2-~~Cyano~~Cyano-3-fluorophenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[4-(propylsulfonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{4-[(~~Dimethylamino~~dimethylamino)carbonyl]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-[4-(methylsulfonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{4-[(Acetylamineacetylaminomethyl)phenyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[2-(Aminesulfonylaminosulfonyl)ethyl]-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(2-Amineamino-2-oxoethyl)-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(Cyclohexylaminocyclohexylamino)-1-ethyl-N-{2-[(methylsulfonyl)amino]ethyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(Cyclohexylaminocyclohexylamino)-1-ethyl-N-(tetrahydro-2H-pyran-4-yl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(Cyclohexylaminocyclohexylamino)-1-ethyl-N-[(1-methyl-1H-pyrazol-4-yl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(Cyclohexylaminocyclohexylamino)-1-ethyl-N-{[3-(methylsulfonyl)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{[3-(Aminocarbonylaminocarbonyl)phenyl]methyl}-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(Cyclohexylaminocyclohexylamino)-1-ethyl-N-(tetrahydro-2-furanylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(Cyclohexylaminocyclohexylamino)-N-({4-[(dimethylamino)sulfonyl]phenyl}methyl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(5-Chlorochloro-2-pyridinyl)methyl]-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(Cyclohexylaminocyclohexylamino)-1-ethyl-N-{[4-(methylsulfonyl)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(Cyclohexylaminocyclohexylamino)-1-ethyl-N-{[6-(methyloxy)-3-pyridinyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(Cyclohexylaminocyclohexylamino)-1-ethyl-N-{4-[(methylamino)carbonyl]phenyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(Cyclohexylaminocyclohexylamino)-1-ethyl-N-({3-[(methylamino)carbonyl]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-([4-(~~Aminocarbonylaminocarbonyl~~)phenyl]methyl)-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylaminocyclohexylamino~~)-1-ethyl-N-[(4-hydroxyphenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylaminocyclohexylamino~~)-1-ethyl-N-{[4-(methyloxy)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylaminocyclohexylamino~~)-N-[(3,4-difluorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylaminocyclohexylamino~~)-1-ethyl-N-{[4-(trifluoromethyl)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylaminocyclohexylamino~~)-1-ethyl-N-({3-[(methylsulfonyl)amino]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylaminocyclohexylamino~~)-N-[(2,5-difluorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylaminocyclohexylamino~~)-1-ethyl-N-[(4-methylphenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylaminocyclohexylamino~~)-1-ethyl-N-(2-{4-[(methylsulfonyl)amino]phenyl}ethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylaminocyclohexylamino~~)-1-ethyl-N-[(2-hydroxyphenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylaminocyclohexylamino~~)-N-[(3,4-dichlorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylaminocyclohexylamino~~)-N-[(3,5-dichlorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylaminocyclohexylamino~~)-1-ethyl-N-(2-phenylethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylaminocyclohexylamino~~)-1-ethyl-N-(1,2,3,4-tetrahydro-1-naphthalenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylaminocyclohexylamino~~)-1-ethyl-N-{[2-(methylsulfinyl)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylaminocyclohexylamino~~)-1-ethyl-N-[2-(4-hydroxyphenyl)ethyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{2-[4-(~~Aminosulfonylaminosulfonyl~~)phenyl]ethyl}-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-({2-
[(methylamino)carbonyl]phenyl)methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-{2-(methylsulfonyl)phenyl)methyl}-1H-
pyrazolo[3,4-b]pyridine-5-carboxamide,
~~Methyl methyl~~ 2-[(4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridin-5-
yl)carbonyl]amino)methyl]benzoate,
4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-{2-[4-(methylsulfonyl)phenyl]ethyl}-1H-
pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[4,5-~~Bis~~bis(methyloxy)-2,3-dihydro-1H-inden-2-yl]-4-(cyclohexylamino)-1-ethyl-1H-
pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-{2-fluoro-3-
(trifluoromethyl)phenyl)methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylamino~~cyclohexylamino)-N-[(3,4-dimethylphenyl)methyl]-1-ethyl-1H-
pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-[2-(4-fluorophenyl)ethyl]-1H-
pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-[2-(4-methylphenyl)ethyl]-1H-
pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-{2-[4-(methyloxy)phenyl]ethyl}-1H-
pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-(2-pyridinylmethyl)-1H-pyrazolo[3,4-
b]pyridine-5-carboxamide trifluoroacetate,
4-(~~Cyclohexylamino~~cyclohexylamino)-N-[(3,5-difluorophenyl)methyl]-1-ethyl-1H-
pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylamino~~cyclohexylamino)-N-(2,3-dihydro-1H-inden-1-yl)-1-ethyl-1H-
pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(~~Cyclohexylamino~~cyclohexylamino)-N-{[4-(dimethylamino)phenyl)methyl]-1-ethyl-1H-
pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,
4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-[(2-fluorophenyl)methyl]-1H-
pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{[2,4-~~Bis~~bis(methyloxy)phenyl)methyl]-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-
b]pyridine-5-carboxamide,
N-[(6-~~Chloro~~chloro-2-pyridinyl)methyl]-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-
b]pyridine-5-carboxamide trifluoroacetate,

N-({2-[~~Acetyl~~acetyl(methyl)amino]phenyl)methyl}-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,

4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-{[4-fluoro-3-(trifluoromethyl)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~cyclohexylamino)-N-[(1R)-2,3-dihydro-1H-inden-1-yl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~cyclohexylamino)-N-[(2,6-dichlorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

~~Methyl~~ methyl 3-(((4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridin-5-yl)carbonyl)amino)methyl]benzoate,

4-(~~Cyclohexylamino~~cyclohexylamino)-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

~~Methyl~~ methyl 4-(((4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridin-5-yl)carbonyl)amino)methyl]benzoate,

4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-(1H-tetrazol-5-ylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~cyclohexylamino)-N-({4-[(difluoromethyl)oxy]phenyl)methyl}-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-[(2-methyl-1,3-thiazol-4-yl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(2-~~Chloro~~chloro-6-fluorophenyl)methyl]-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{{2-(~~Amino~~carbonylaminocarbonyl)phenyl)methyl}-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~cyclohexylamino)-N-{[2-(dimethylamino)phenyl]methyl}-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-[(4-fluorophenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-{[3-(trifluoromethyl)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~cyclohexylamino)-N-[(2,6-difluorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-[(3-fluorophenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-([2-(trifluoromethyl)phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(5-~~Chloro~~chloro-2,3-dihydro-1H-inden-2-yl)-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-([4-((methylamino)carbonyl)phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-[4-(methyloxy)phenyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-[(6-oxo-1,6-dihydro-3-pyridinyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-N-(3-pyridinylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-([4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridin-5-yl]carbonyl)amino)methyl]benzoic acid,

3-([4-(~~Cyclohexylamino~~cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridin-5-yl]carbonyl)amino)methyl]benzoic acid,

4-(~~Cyclohexylamino~~cyclohexylamino)-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide hydrochloride,

4-(~~Cyclohexylamino~~cyclohexylamino)-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide methanesulphonate,

N-([2-[(1,1-~~Dimethylethyl~~dimethylethyl)oxy]-3-pyridinyl]methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,

N-[(3-~~Chloro~~chloro-4-methylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(4-~~Chloro~~chloro-2-methylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-([2-[(~~Difluoromethyl~~difluoromethyl)oxy]phenyl]methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~ethyl-N-([2-[(1-methylethyl)oxy]phenyl]methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~ethyl-N-([3-[(1-methylethyl)oxy]phenyl]methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-([3-[(~~Difluoromethyl~~difluoromethyl)oxy]phenyl]methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{2-[2,6-Bisbis (methyloxy)phenyl]ethyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[2-(2-methylphenyl)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(3,4-~~Dimethylphenyl~~-dimethylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[4,5-~~Bis~~is (methyloxy)-2,3-dihydro-1H-inden-2-yl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{2-[4-(~~Aminosulfonyl~~aminosulfonyl)phenyl]ethyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~-N-[[2-(methylsulfinyl)phenyl]methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~-N-(2-phenylethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[[4-(~~Dimethylamino~~dimethylamino)phenyl]methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~-N-[2-(4-fluorophenyl)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~-N-[2-(4-methylphenyl)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[[3-(~~Aminosulfonyl~~aminosulfonyl)phenyl]methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~-N-[(4-methylphenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-~~Ethylethyl~~-N-[[4-fluoro-3-(trifluoromethyl)phenyl]methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
~~Methyl methyl~~ 2-[(1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridin-5-yl)carbonyl]amino)methyl]benzoate,
N-[(6-~~Chloro~~chloro-2-pyridinyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,
N-(2,3-~~Dihydro~~dihydro-1H-inden-1-yl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-({2-[~~Acetyl~~acetyl(methyl)amino]phenyl}methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(1S)-2,3-~~Dihydro~~dihydro-1H-inden-1-yl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(1R)-2,3-~~Dihydro~~dihydro -1H-inden-1-yl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethyl~~ethyl-N-({3-[(methylsulfonyl)amino]phenyl}methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethyl~~ethyl-N-(phenylmethyl)-N-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[2-(~~Dimethylamino~~dimethylamino)ethyl]-1-ethyl-N-(phenylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-~~Butyl~~butyl-1-ethyl-N-(phenylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N,1-~~Diethyl~~diethyl-N-(phenylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethyl~~ethyl-N-(1-phenyl-4-piperidiny)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethyl~~ethyl-N-{1-[(ethylamino)carbonyl]-4-piperidiny}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

~~Formic~~formic acid - 1-ethyl-N-[1-methyl-2-(4-methyl-1-piperaziny)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide (1:1),

~~Methylmethyl~~methyl[4-({1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridin-5-yl}carbonyl)amino]-1-piperidiny]acetate,

1-~~Ethyl~~ethyl-N-{{4-(4-morpholinylmethyl)phenyl}methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,

1-~~Ethyl~~ethyl-N-({3-[(4-methyl-1-piperaziny)methyl]phenyl}methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,

N-{{5-(~~Aminocarbonyl~~aminocarbonyl)-3-pyridiny]methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,

1-~~Ethyl~~ethyl-N-{{4-(1-methylethyl)phenyl}methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{{3-(~~Cyclopentyl~~oxycyclopentyloxy)-4-(methyloxy)phenyl}methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethyl~~ethyl-N-{{4-[(4-methyl-1-piperaziny)methyl]phenyl}methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,

N-[(2,4-~~Dichlorophenyl~~dichlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(2,4-Dichlorophenyl)dichlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(2-Chloro-4-fluorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{2-[2-Chloro-3-(methyloxy)phenyl]ethyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

Methyl methyl 3-[(1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridin-5-yl)carbonyl]amino)methyl]benzoate,

1-Ethylethyl-N-{[3-(1-pyrrolidinylmethyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,

1-Ethylethyl-N-(2-{4-[(methylsulfonyl)amino]phenyl}ethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{[2,5-Bis(methyloxy)phenyl]methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{[2,6-Bis(methyloxy)phenyl]methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-[(2-fluorophenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(3,5-Difluorophenyl)difluorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(4-Chlorophenyl)chlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-Cyclohexylcyclohexyl-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-{2-[4-(methylsulfonyl)phenyl]ethyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-{[2-fluoro-3-(trifluoromethyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-({4-[(Cyclopropylamino)cyclopropylamino]carbonyl}phenyl)methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-{[4-(4-methyl-1-piperazinyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethylethyl-N-{[4-(1-pyrrolidinylmethyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[6-(methyloxy)-1-oxo-2,3-dihydro-1H-inden-2-yl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(2,5-~~Dichlorophenyl~~dichlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(3,5-~~Dichlorophenyl~~dichlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(2,3-~~Difluorophenyl~~difluorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{[2-(methylsulfonyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[(3-hydroxyphenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(3,5-~~Bis~~bis (methyloxy)phenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[2-(4-hydroxyphenyl)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(3,5-~~Dichlorophenyl~~dichlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(2,4-~~Bis~~bis (methyloxy)phenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{[2-(methyloxy)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(2,4-~~Dimethylphenyl~~dimethylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-({2-[(methylamino)carbonyl]phenyl)methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{2-[4-(methyloxy)phenyl]ethyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(2-~~Chlorophenyl~~chlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[(2-hydroxyphenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(1,3-~~Benzodioxol~~benzodioxol-5-ylmethyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[3-(methyloxy)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(~~Cyclohexylmethylcyclohexylmethyl~~)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(1,2,3,4-tetrahydro-1-naphthalenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

~~Methylmethyl~~ 4-[[[1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridin-5-yl]carbonyl]amino)methyl]benzoate,

N-[(3,4-~~Dichlorophenyl~~~~dichlorophenyl~~)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[[4-(~~Aminocarbonyl~~ ~~aminocarbonyl~~)phenyl]methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(2,6-~~Diffuorophenyl~~~~difluorophenyl~~)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[[3-(~~Aminocarbonyl~~~~aminocarbonyl~~)phenyl]methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[(4-hydroxyphenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[[6-(methyloxy)-3-pyridinyl]methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-(2-pyridinylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-4-(tetrahydro-2H-pyran-4-ylamino)-N-[[3-(trifluoromethyl)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[4-(2-~~Aminoamino~~ -2-oxoethyl)phenyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-([4-[(methylamino)carbonyl]phenyl]methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~ 1-N-{4-[2-(methylamino)-2-oxoethyl]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~ 1-N-[(3-fluorophenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-([4-[(methylsulfonyl)amino]phenyl]methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-([4-(~~Aminosulfonyl~~aminosulfonyl)phenyl]methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-([2-(~~Aminecarbonyl~~aminocarbonyl)phenyl]methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-([4-(~~Difluoromethyl~~difluoromethyl)oxy]phenyl)methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-([3-(~~Dimethylaminedimethylamino~~)methyl]phenyl)methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-([3-~~Chlorochloro~~-4-(methyloxy)phenyl]methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(1-~~Acetylacetyl~~-4-piperidiny)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-4-(tetrahydro-2H-pyran-4-ylamino)-N-([2-(trifluoromethyl)phenyl]methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(5-~~Chlorochloro~~-2,3-dihydro-1H-inden-2-yl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-([3-(~~Acetylamineacetylamine~~)methyl]phenyl)methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-([4-fluorophenyl]methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-([4-fluoro-2-(trifluoromethyl)phenyl]methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-([2-ethylphenyl]methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-([2-fluoro-5-(trifluoromethyl)phenyl]methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-4-(tetrahydro-2H-pyran-4-ylamino)-N-[(2,3,4-trifluorophenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-([4-~~Chlorochloro~~-2-fluorophenyl]methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-([4-~~Bromobromo~~-2-fluorophenyl]methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-([3,5-~~Dimethylphenyldimethylphenyl~~)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(2,3-~~Dimethylphenyl~~dimethylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(2,3-~~Dichlorophenyl~~dichlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(4-~~Cyanophenyl~~cyanophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(4-~~Bromophenyl~~bromophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{{[5-fluoro-2-(trifluoromethyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~N-[(4-iodophenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{{[4-(1,1-~~Dimethylethyl~~dimethylethyl)phenyl]methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(3-~~Cyanophenyl~~cyanophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(2,6-~~Dichlorophenyl~~dichlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(5-~~Chloro~~chloro-2-methylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(3,5-~~Dibromophenyl~~dibromophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~ N-[(4-ethylphenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{{[3-fluoro-4-(trifluoromethyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-[(2-iodophenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(2-~~Bromophenyl~~ bromophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{{[4-(hydroxymethyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-~~Ethylethyl~~-N-{{[3-(hydroxymethyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{{3-(hydroxymethyl)-2-methylphenyl)methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{{2,3-~~Dichloro~~~~dichloro~~-6-(hydroxymethyl)phenyl)methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{{2,4-~~Dichloro~~~~dichloro~~-6-methylphenyl)methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{{4-(2-methylpropyl)phenyl)methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{{2,5-dimethylphenyl)methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-4-(tetrahydro-2H-pyran-4-ylamino)-N-{{2,4,5-trifluorophenyl)methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{{2-fluoro-4-(trifluoromethyl)phenyl)methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{{2-~~Chloro~~~~chloro~~-6-methylphenyl)methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(((1-~~Ethylethyl~~-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridin-5-yl)carbonyl)amino)methyl]benzoic acid sodium salt,

3-(((1-~~Ethylethyl~~-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridin-5-yl)carbonyl)amino)methyl]benzoic acid,

~~Ethylethyl~~ 1-ethyl-4-{{4-(hydroxyimino)cyclohexyl}amino}-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,

1-~~Ethylethyl~~-4-{{4-(hydroxyimino)cyclohexyl}amino}-N-{{4-(methyloxy)phenyl)methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{{4-(~~Dimethylaminodimethylamine~~)phenyl)methyl}-1-ethyl-4-{{4-(hydroxyimino)cyclohexyl}amino}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-4-{{4-[(ethyloxy)imino]cyclohexyl}amino)-N-{{4-(methyloxy)phenyl)methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-4-{{4-[(methyloxy)imino]cyclohexyl}amino)-N-{{4-(methyloxy)phenyl)methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-{{4-(((1,1-~~Dimethylethyl~~~~Dimethylethyl~~)oxy)imino)cyclohexyl}amino}-1-ethyl-N-{{4-(methyloxy)phenyl)methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-~~Ethylethyl~~-N-{{4-(methyloxy)phenyl)methyl}-4-[(7-oxohexahydro-1H-azepin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

~~Ethylethyl~~ 1-ethyl-4-[(7-oxohexahydro-1H-azepin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,

4-[(~~cis-4-(Butylamino)~~butylamino)cyclohexyl]amino}-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(trans-4-~~Aminocyclohexyl~~aminocyclohexyl)amino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(trans-2-~~Aminocyclohexyl~~aminocyclohexyl)amino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(cis-2-~~Aminocyclohexyl~~aminocyclohexyl)amino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(3-~~Aminocyclohexyl~~aminocyclohexyl)amino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

~~Ethylethyl~~ 1-ethyl-4-([(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxylate,

N,1-~~Diethyl~~diethyl-4-([(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~ N-(4-fluorophenyl)-4-([(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-~~Ethylethyl~~ 4-([(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino)-N-(1,3-thiazol-2-ylmethyl)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-ethyl-N-(4-fluorophenyl)methyl-4-([(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-ethyl-4-([(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino)-N-{[4-(methylsulfonyl)phenyl]methyl}-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-{[3,4-bis(methyloxy)phenyl]methyl}-1-ethyl-4-([(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-ethyl-4-([(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino)-N-(2-pyridinylmethyl)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-ethyl-4-([(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino)-N-[(1-methyl-1H-pyrazol-4-yl)methyl]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[(3,4-dimethylphenyl)methyl]-1-ethyl-4-([(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino)-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-ethyl-4-{[(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino}-N-{[4-(methoxy)phenyl]methyl}-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[(2,4-dimethylphenyl)methyl]-1-ethyl-4-{[(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino}-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[(2,3-Dichlorophenyldichlorophenyl)methyl]-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[(3-Chlorochloro -4-methylphenyl)methyl]-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[(4-Chlorochloro -2-methylphenyl)methyl]-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[(2,4-Dimethylphenyldimethylphenyl)methyl]-1-ethyl-4-{[4-(hydroxyimino)cyclohexyl]amino}-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[(3,4-Dimethylphenyldimethylphenyl)methyl]-1-ethyl-4-{[4-(hydroxyimino)cyclohexyl]amino}-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[(2,3-Dichlorophenyldichlorophenyl)methyl]-1-ethyl-4-{[4-(hydroxyimino)cyclohexyl]amino}-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[(3-Chlorochloro -4-methylphenyl)methyl]-1-ethyl-4-{[4-(hydroxyimino)cyclohexyl]amino}-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-[(4-Chlorochloro -2-methylphenyl)methyl]-1-ethyl-4-{[4-(hydroxyimino)cyclohexyl]amino}-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

N-({4-[(Difluoromethyldifluoromethyl)oxy]phenyl)methyl}-1-ethyl-4-{[4-(hydroxyimino)cyclohexyl]amino}-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide, or

1-Ethylethyl -4-{[4-(hydroxyimino)cyclohexyl]amino}-N-{[4-(trifluoromethyl)phenyl]methyl}-1H-pyrazolo[3,4-*b*]pyridine-5-carboxamide;

or a salt thereof.

50. (Original) A compound or salt as claimed in claim 1, which is a compound of Example 260, 261, 263, 266, 431, 493, 494, 518, 528, 584, 626, 643, 653, 679, 680, 681, 682, 683, 684, 685 or 686, as defined by the structures and/or names described herein, or a salt thereof.

51. (Original) A compound or salt as claimed in claim 1, which is a compound of Example 21, 22, 83, 100, 109, 167, 172, 178 or 600, as defined by the structures and/or names described herein, or a salt thereof.

Claims 52-55 (Cancelled)

56. (Currently amended): A pharmaceutical composition comprising a compound of formula (I) ~~or (IA) or (IB)~~, as defined in ~~any of claims 1 to 54~~, claim 1 or a pharmaceutically acceptable salt thereof, and one or more pharmaceutically acceptable carriers and/or excipients.

57. (Original): A pharmaceutical composition as claimed in claim 56 which is suitable for and/or adapted for inhaled administration.

58. (Original): A pharmaceutical composition as claimed in claim 57, in which the compound or salt is in a particle-size-reduced form.

59. (Original): A pharmaceutical composition as claimed in claim 58, wherein the particle size (D50 value) of the size-reduced compound or salt is about 0.5 to about 10 microns.

60. (Original): A composition as claimed in claim 56, for the treatment and/or prophylaxis of an inflammatory and/or allergic disease or cognitive impairment in a mammal such as a human.

61. (Cancelled)

62. (Currently amended): A method of treatment and/or prophylaxis of an inflammatory and/or allergic disease or cognitive impairment in a mammal such as a human in need thereof, which method comprises administering to the mammal suffering from same, a therapeutically effective amount of a compound of formula (I), as defined in ~~any of claims 1 to 49~~, or a pharmaceutically acceptable salt thereof.

63. (Currently amended) A composition, the use or a method as claimed in claim ~~60, 61 or 62~~, wherein the composition or medicament or method is for the treatment and/or prophylaxis of chronic obstructive pulmonary disease (COPD), asthma, rheumatoid arthritis or allergic rhinitis in a mammal such as a human.

Claims 64 – 67 (Cancelled)

68. (Currently amended): A ~~combination~~composition comprising a compound of formula (I), as defined in ~~any of claims 1 to 54, claim 1~~ or a pharmaceutically acceptable salt thereof, together with a β_2 -adrenoreceptor agonist, an anti-histamine, an anti-allergic, or an anti-inflammatory agent; alone or combined with at least one pharmaceutically acceptable carriers.

69. (Currently amended): A ~~combination~~composition as claimed in claim 68, comprising the compound of formula (I) or the pharmaceutically acceptable salt thereof, together with a β_2 -adrenoreceptor agonist and at least one pharmaceutically acceptable carrier.

70. (Currently amended): A ~~combination~~composition comprising a compound of formula (I), as defined in ~~any of claims 1 to 54, claim 1~~ or a pharmaceutically acceptable salt thereof, together with a muscarinic (M) receptor antagonist and at least one pharmaceutically acceptable carrier.

71. (Currently amended): A ~~combination~~composition as claimed in claim 70, wherein the muscarinic (M) receptor antagonist is a M_3 receptor antagonist and at least one pharmaceutically acceptable carrier.

Claims 72-74 (Cancelled)